


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Prickly Pear UF 8A-22D-12-15							
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> NINE MILE CANYON							
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> PRICKLY PEAR							
<b>6. NAME OF OPERATOR</b> BILL BARRETT CORP						<b>7. OPERATOR PHONE</b> 303 312-8164							
<b>8. ADDRESS OF OPERATOR</b> 1099 18th Street Ste 2300, Denver, CO, 80202						<b>9. OPERATOR E-MAIL</b> dspencer@billbarrettcorp.com							
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU11604			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>							
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>							
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>							
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>							
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>		<b>SECTION</b>		<b>TOWNSHIP</b>		<b>RANGE</b>		<b>MERIDIAN</b>	
LOCATION AT SURFACE		1400 FNL 1197 FEL		SENE		22		12.0 S		15.0 E		S	
Top of Uppermost Producing Zone		1337 FNL 680 FEL		SENE		22		12.0 S		15.0 E		S	
At Total Depth		1337 FNL 680 FEL		SENE		22		12.0 S		15.0 E		S	
<b>21. COUNTY</b> CARBON			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1337			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 20							
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 624			<b>26. PROPOSED DEPTH</b> MD: 7772 TVD: 7733							
<b>27. ELEVATION - GROUND LEVEL</b> 7269			<b>28. BOND NUMBER</b> WYB000040			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> NINE MILE CANYON							
<b>Hole, Casing, and Cement Information</b>													
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Length</b>	<b>Weight</b>	<b>Grade &amp; Thread</b>	<b>Max Mud Wt.</b>	<b>Cement</b>	<b>Sacks</b>	<b>Yield</b>	<b>Weight</b>			
Cond	24	14	0 - 40	0.0	Unknown	0.0	None	0	0.0	0.0			
Surf	12.25	9.625	0 - 1000	36.0	J-55 ST&C	0.0	None	0	0.0	0.0			
Prod	8.25	4.5	0 - 7772	11.6	P-110 LT&C	0.0	None	0	0.0	0.0			
<b>ATTACHMENTS</b>													
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
<b>NAME</b> Brady Riley				<b>TITLE</b> Permit Analyst				<b>PHONE</b> 303 312-8115					
<b>SIGNATURE</b>				<b>DATE</b> 05/16/2011				<b>EMAIL</b> briley@billbarrettcorp.com					
<b>API NUMBER ASSIGNED</b> 43007501750000				<b>APPROVAL</b> <div style="text-align: center;">           Permit Manager       </div>									

**DRILLING PROGRAM****BILL BARRETT CORPORATION****Prickly Pear Unit Federal 8A-22D-12-15**

SENE, 1400' FNL, 1197' FEL, Sec. 22, T12S-R15E (surface)

SENE, 1337' FNL, 680' FEL, Sec. 22, T12S-R15E (bottom)

Carbon County, Utah

**1 – 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<b><u>Formation</u></b>	<b><u>Depth – MD</u></b>	<b><u>Depth – TVD</u></b>
Green River	Surface	Surface
Wasatch	2967'*	2948'*
North Horn	4977'*	4937'*
Dark Canyon	6697'*	6657'*
Price River	6957'*	6917'*
TD	7772'*	7733'*

**PROSPECTIVE PAY:** \*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

**3. BOP and Pressure Containment Data**

<b><u>Depth Intervals</u></b>	<b><u>BOP Equipment</u></b>
0 – 1000'	No pressure control required
1000' – TD	11" 3000# Ram Type BOP 11" 3000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.	

Bill Barrett Corporation  
Drilling Program  
Prickly Pear Unit Federal 8A-22D-12-15  
Carbon County, Utah

#### 4. Casing Program

<u>Hole Size</u>	<u>Setting Depth</u> <u>From</u> <u>To</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
24"	Surface	40'	14"	65#			
12 1/4"	Surface	1000'	9 5/8"	36#	Jor K 55	ST&C	New
8 3/4" and 7 7/8"	Surface	TD	5 1/2" 4 1/2"	17.0# 11.6#	P-110 P-110	LT&C LT&C	New New
Note: BBC will use one of the options of production casing size noted above. In addition, the 7 7/8" hole size will begin at the point the bit is changed.							

#### 5. Cementing Program

14" Conductor Casing	Grout cement
9 5/8" Surface Casing	<i>Lead</i> with approximately 170 sx Varicem cement + additives mixed at 12.0 ppg (yield = 1.70 ft <sup>3</sup> /sx).  <i>Tail</i> with approximately 190 sx Halcem cement with additives mixed at 15.8 ppg (yield = 1.15 ft <sup>3</sup> /sx) circulated to surface with 100% excess.
5 1/2" Production Casing  <b>OR</b>  4 1/2" Production Casing	<i>Lead</i> with approximately 320 sx (4 1/2" csg) or 260 sx (5 1/2" csg) of Halliburton Light Premium cement with additives mixed at 12.5 ppg (yield = 1.96 ft <sup>3</sup> /sx).  <i>Tail</i> with approximately 1290 sx (4 1/2" csg) or 1060 sx (5 1/2" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg (yield = 1.45 ft <sup>3</sup> /sk), circulated to ~800' with 15% excess.
Note: Actual volumes to be calculated from caliper log.	

#### 6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0 – 40'	8.3 – 8.6	27 – 40	--	Native Spud Mud
40' – 1000'	8.3 – 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' – TD	8.6 – 9.5	38 – 46	15 cc or less	LSND/DAP
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

#### 7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation  
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Carbon County, Utah

**8. Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3819 psi\* and maximum anticipated surface pressure equals approximately 2117 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

\*\*Maximum surface pressure = A – (0.22 x TD)

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**9. Auxiliary Equipment**

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

**10. Drilling Schedule**

Spud:	8/5/2011
Duration:	10 days drilling time
	15 days completion time



**Other -Onshore Variances Requested**

Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation will comply with the following surface air drilling operation requirements:

1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.

## **PRESSURE CONTROL EQUIPMENT – Schematic Attached**

**A. Type:** Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes.
8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
9. Upper kelly cock valve with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Pressure gauge on choke manifold.
12. Fill-up line above the uppermost preventer.

**B. Pressure Rating:** 3,000 psi

### **C. Testing Procedure:**

#### *Annular Preventer*

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

#### *Blow-Out Preventer*

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

**D. Choke Manifold Equipment:**

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

**E. Accumulator:**

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

**F. Miscellaneous Information:**

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

**Well Name:** Prickly Pear Unit Federal 8A-22D-12-15

### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	203.6	ft <sup>3</sup>
Lead Fill:	650'	
Tail Volume:	109.6	ft <sup>3</sup>
Tail Fill:	350'	

### Cement Data:

Lead Yield:	2.53	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	170
# SK's Tail:	190

### Production Hole Data:

Total Depth:	7,772'
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	429.4	ft <sup>3</sup>
Lead Fill:	1,700'	
Tail Volume:	1331.7	ft <sup>3</sup>
Tail Fill:	5,272'	

### Cement Data:

Lead Yield:	1.91	ft <sup>3</sup> /sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
% Excess:	15%	

### Calculated # of Sacks:

# SK's Lead:	260
# SK's Tail:	1060

## **Prickly Pear Unit Federal 8A-22D-12-15 Proposed Cementing Program**

<u>Job Recommendation</u>	<u>Surface Casing</u>
<b>Lead Cement - (650' - 0')</b>	
Varicem <sup>TM</sup> Cement	Fluid Weight: 12 lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield: 2.53 ft <sup>3</sup> /sk
	Total Mixing Fluid: 14.82 Gal/sk
	Top of Fluid: 0'
	Calculated Fill: 650'
	Volume: 36.25 bbl
	<b>Proposed Sacks: 170 sks</b>
<b>Tail Cement - (1000' - 650')</b>	
Halcem <sup>TM</sup> System	Fluid Weight: 15.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.16 ft <sup>3</sup> /sk
	Total Mixing Fluid: 4.98 Gal/sk
	Top of Fluid: 650'
	Calculated Fill: 350'
	Volume: 19.52 bbl
	<b>Proposed Sacks: 190 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (800' - 2500')</b>	
Halliburton Light Premium	Fluid Weight: 12.5 lbm/gal
0.3% Versaset	Slurry Yield: 1.91 ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid: 10.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 800'
0.25% Fe-2	Calculated Fill: 1,700'
0.2% Econolite	Volume: 76.48 bbl
	<b>Proposed Sacks: 260 sks</b>
<b>Tail Cement - (2500' - 7772')</b>	
50/50 Poz Premium	Fluid Weight: 13.4 lbm/gal
3.0 % KCL	Slurry Yield: 1.45 ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid: 6.82 Gal/sk
0.2% FWCA	Top of Fluid: 2,500'
0.3% Super CBL	Calculated Fill: 5,272'
0.125 lbm/sk Poly-E-Flake	Volume: 237.16 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks: 1060 sks</b>



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

**Well Name:** Prickly Pear Unit Federal 8A-22D-12-15

### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	203.6	ft <sup>3</sup>
Lead Fill:	650'	
Tail Volume:	109.6	ft <sup>3</sup>
Tail Fill:	350'	

### Cement Data:

Lead Yield:	2.53	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	170
# SK's Tail:	190

### Production Hole Data:

Total Depth:	7,772'
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	4.500"

### Calculated Data:

Lead Volume:	522.1	ft <sup>3</sup>
Lead Fill:	1,700'	
Tail Volume:	1619.2	ft <sup>3</sup>
Tail Fill:	5,272'	

### Cement Data:

Lead Yield:	1.91	ft <sup>3</sup> /sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
% Excess:	15%	

### Calculated # of Sacks:

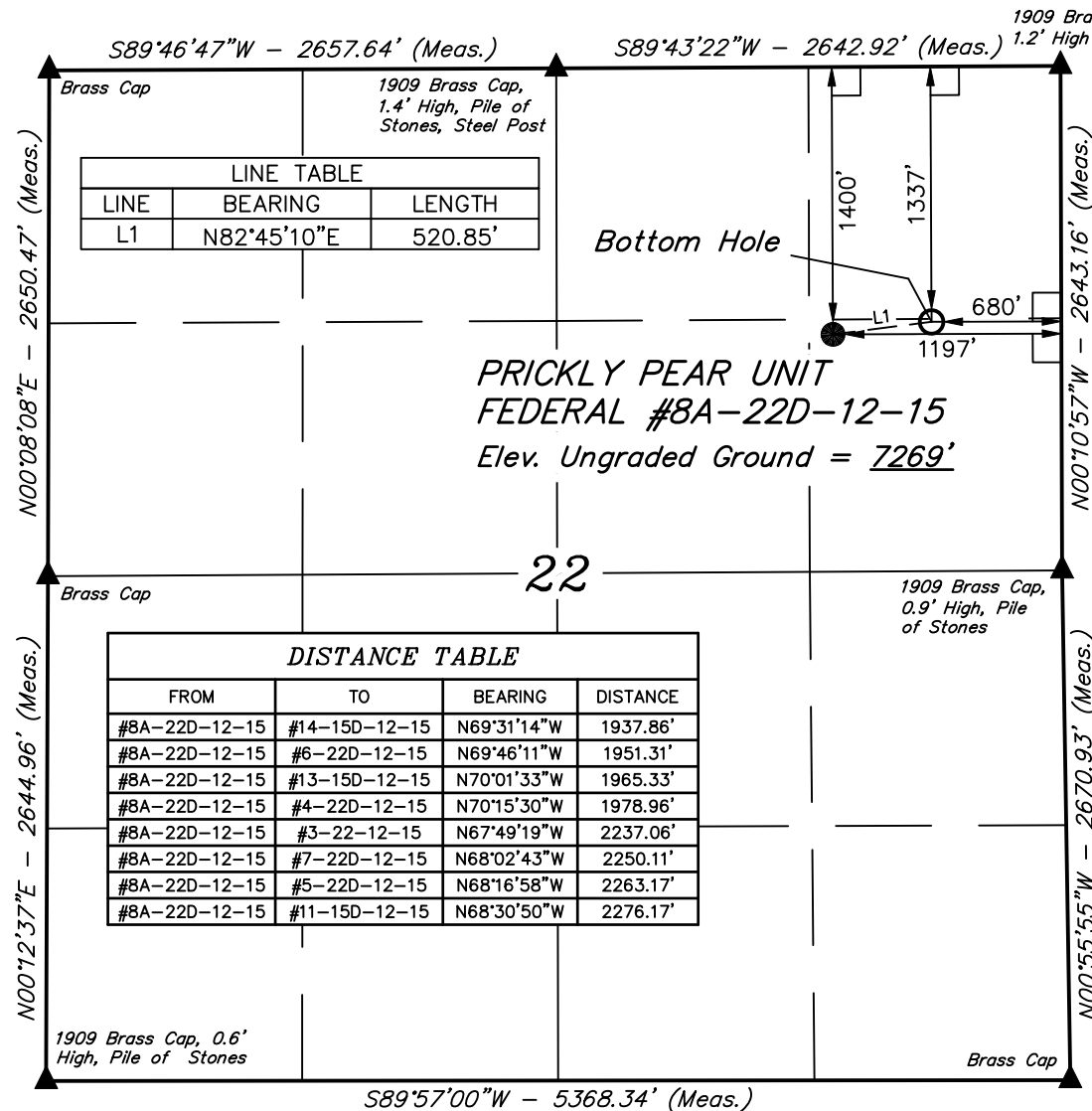
# SK's Lead:	320
# SK's Tail:	1290

## Prickly Pear Unit Federal 8A-22D-12-15 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>		
<b>Lead Cement - (650' - 0')</b>			
Varicem <sup>TM</sup> Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53	ft <sup>3</sup> /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	<b>Proposed Sacks:</b>	<b>170</b>	<b>sks</b>
<b>Tail Cement - (1000' - 650')</b>			
Halcem <sup>TM</sup> System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16	ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	<b>Proposed Sacks:</b>	<b>190</b>	<b>sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>		
<b>Lead Cement - (800' - 2500')</b>			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	92.99	bbl
	<b>Proposed Sacks:</b>	<b>320</b>	<b>sks</b>
<b>Tail Cement - (2500' - 7772')</b>			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:	6.82	Gal/sk
0.2% FWCA	Top of Fluid:	2,500'	
0.3% Super CBL	Calculated Fill:	5,272'	
0.125 lbm/sk Poly-E-Flake	Volume:	288.37	bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks:</b>	<b>1290</b>	<b>sks</b>



**T12S, R15E, S.L.B.&M.****BILL BARRETT CORPORATION**

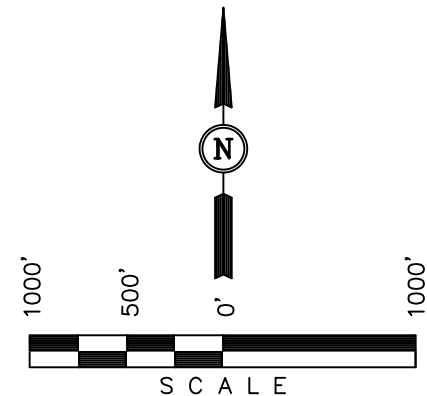
Well location, PRICKLY PEAR UNIT FEDERAL #8A-22D-12-15, located as shown in the SE 1/4 NE 1/4 of Section 22, T12S, R15E, S.L.B.&M., Carbon County, Utah.

**BASIS OF ELEVATION**

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

**REGISTERED LAND SURVEYOR**  
 STATE OF UTAH  
 REGISTRATION NO. 161319  
 DATE OF EXPIRATION: 10-10-19

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

**LEGEND:**

- └─ = 90° SYMBOL  
 ● = PROPOSED WELL HEAD.  
 ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°45'46.10" (39.762806)	LATITUDE = 39°45'45.45" (39.762625)
LONGITUDE = 110°12'57.96" (110.216100)	LONGITUDE = 110°13'04.57" (110.217936)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°45'46.23" (39.762842)	LATITUDE = 39°45'45.58" (39.762661)
LONGITUDE = 110°12'55.40" (110.215389)	LONGITUDE = 110°13'02.01" (110.217225)
STATE PLANE NAD 27	STATE PLANE NAD 27
N: 523257.05 E: 2361103.28	N: 523183.70 E: 2360587.86

SCALE 1" = 1000'	DATE SURVEYED: 10-22-07	DATE DRAWN: 04-08-11
PARTY D.R. J.M. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BILL BARRETT CORPORATION	

**RECEIVED: May. 17, 2011**

BILL BARRETT CORPORATION  
*PRICKLY PEAR UNIT FEDERAL NE 22 PAD*  
PRICKLY PEAR UNIT FEDERAL #8A-22D-12-15, #1-  
22D-12-15, #1A-22D-12-15, #2A-22D-12-15, #2-22D-  
12-15, #14B-15D-12-15, #7A-22D-12-15, #6A-22D-12-  
15 & #8-22D-12-15  
SECTION 22, T12S, R15E, S.L.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 28.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 5.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.5 MILES.

# BILL BARRETT CORPORATION

*PRICKLY PEAR UNIT FEDERAL NE 22 PAD*

PRICKLY PEAR UNIT FEDERAL #8A-22D-12-15, #1-22D-12-15, #1A-22D-12-15,  
#2A-22D-12-15, #2-22D-12-15, #14B-15D-12-15, #7A-22D-12-15, #6A-22D-12-15 & #8-22D-12-15

LOCATED IN CARBON COUNTY, UTAH  
SECTION 22, T12S, R15E, S.L.B.&M.

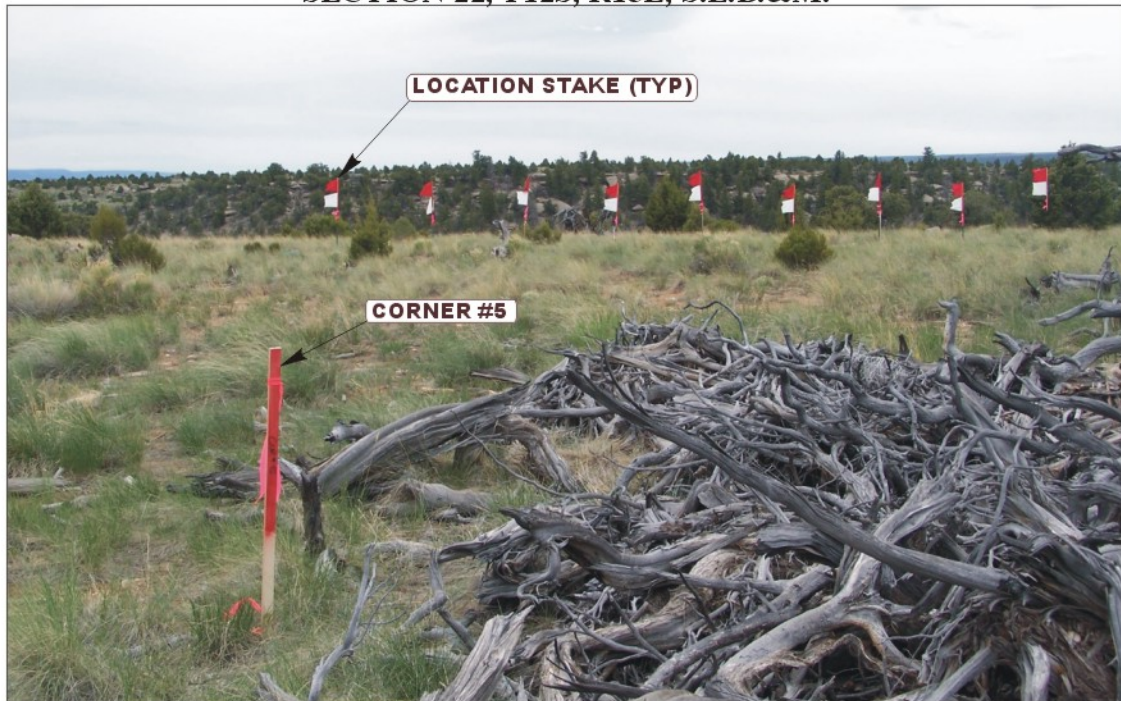


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**LOCATION PHOTOS**

**11** **16** **07**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: D.S. DRAWN BY: C.C. REVISED: 04-08-11

**RECEIVED:** May. 17, 2011



**BILL BARRETT CORPORATION**

**LOCATION LAYOUT FOR**

**PRICKLY PEAR UNIT FEDERAL NE 22 PAD**

PRICKLY PEAR UNIT FEDERAL #8A-22D-12-15, #1-22D-12-15,  
#1A-22D-12-15, #2A-22D-12-15, #2-22D-12-15, #14B-15D-12-15,  
#7A-22D-12-15, #6A-22D-12-15 & #8-22D-12-15  
SECTION 22, T12S, R15E, S.L.B.&M.  
SE 1/4 NE 1/4

**FIGURE #1**

SCALE: 1" = 50'

DATE: 12-03-07

DRAWN BY: C.G.

REV: 10-01-08 C.C.

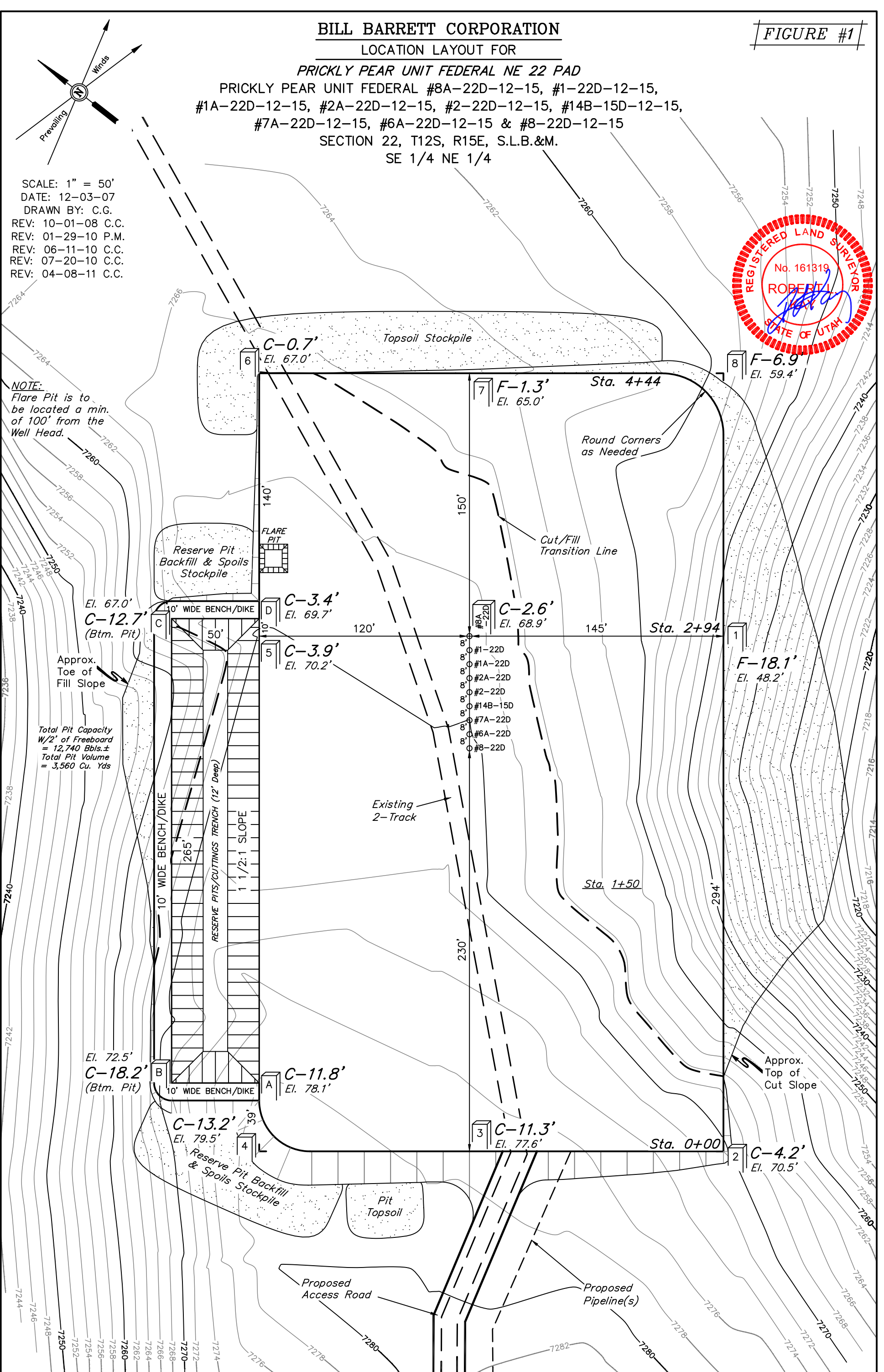
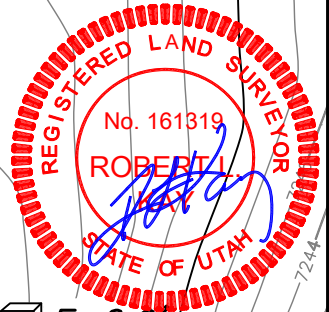
REV: 01-29-10 P.M.

REV: 06-11-10 C.C.

REV: 07-20-10 C.C.

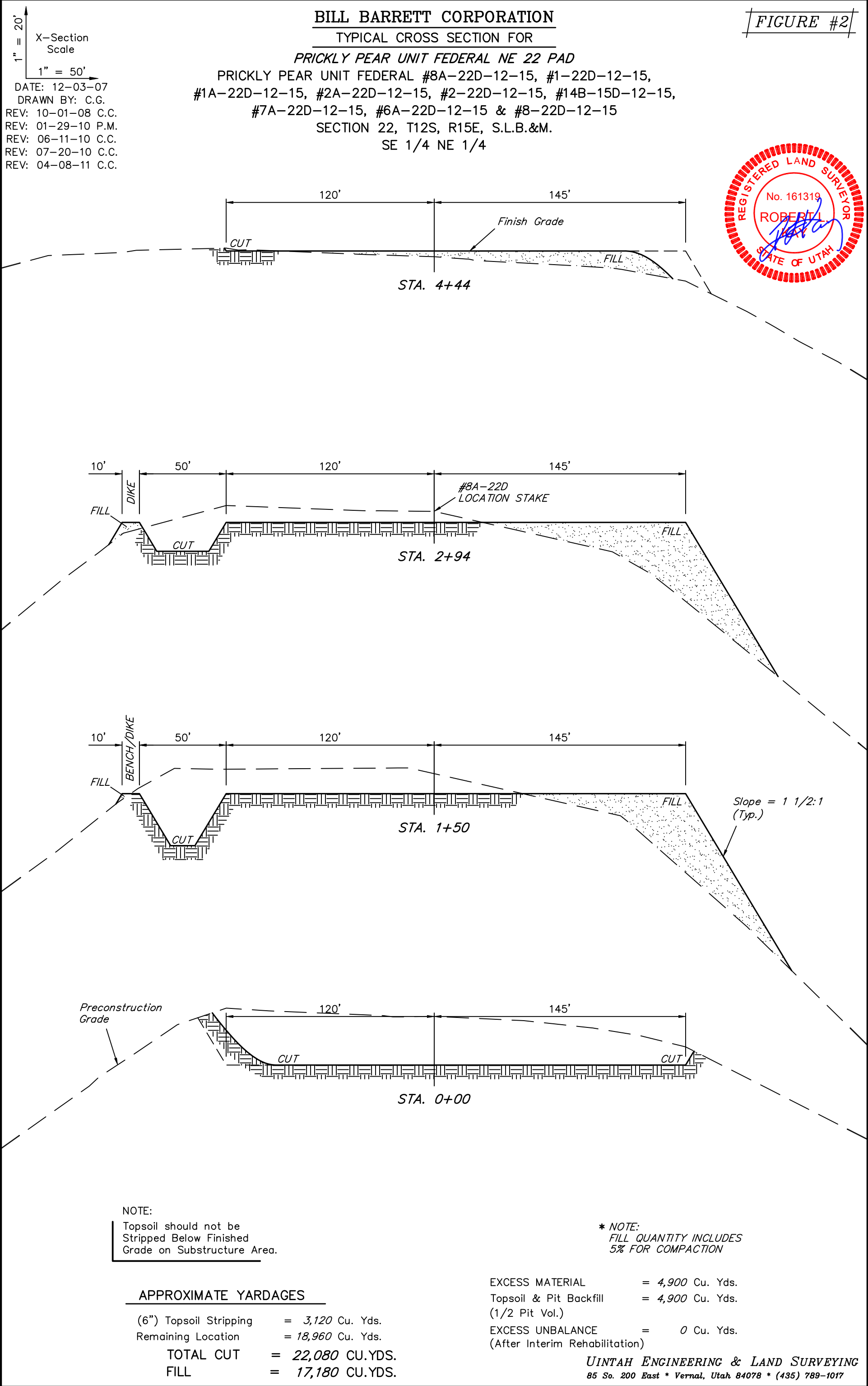
REV: 04-08-11 C.C.

**NOTE:**  
Flare Pit is to  
be located a min.  
of 100' from the  
Well Head.



Elev. Ungraded Ground At #8A-22D Loc. Stake = 7268.9'  
FINISHED GRADE ELEV. AT #8A-22D LOC. STAKE = 7266.3'

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



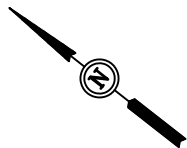
BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

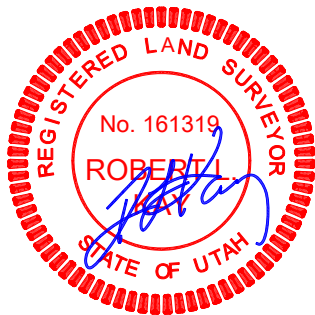
PRICKLY PEAR UNIT FEDERAL NE 22 PAD

PRICKLY PEAR UNIT FEDERAL #8A-22D-12-15, #1-22D-12-15,  
#1A-22D-12-15, #2A-22D-12-15, #2-22D-12-15, #14B-15D-12-15,  
#7A-22D-12-15, #6A-22D-12-15 & #8-22D-12-15  
SECTION 22, T12S, R15E, S.L.B.&M.  
SE 1/4 NE 1/4

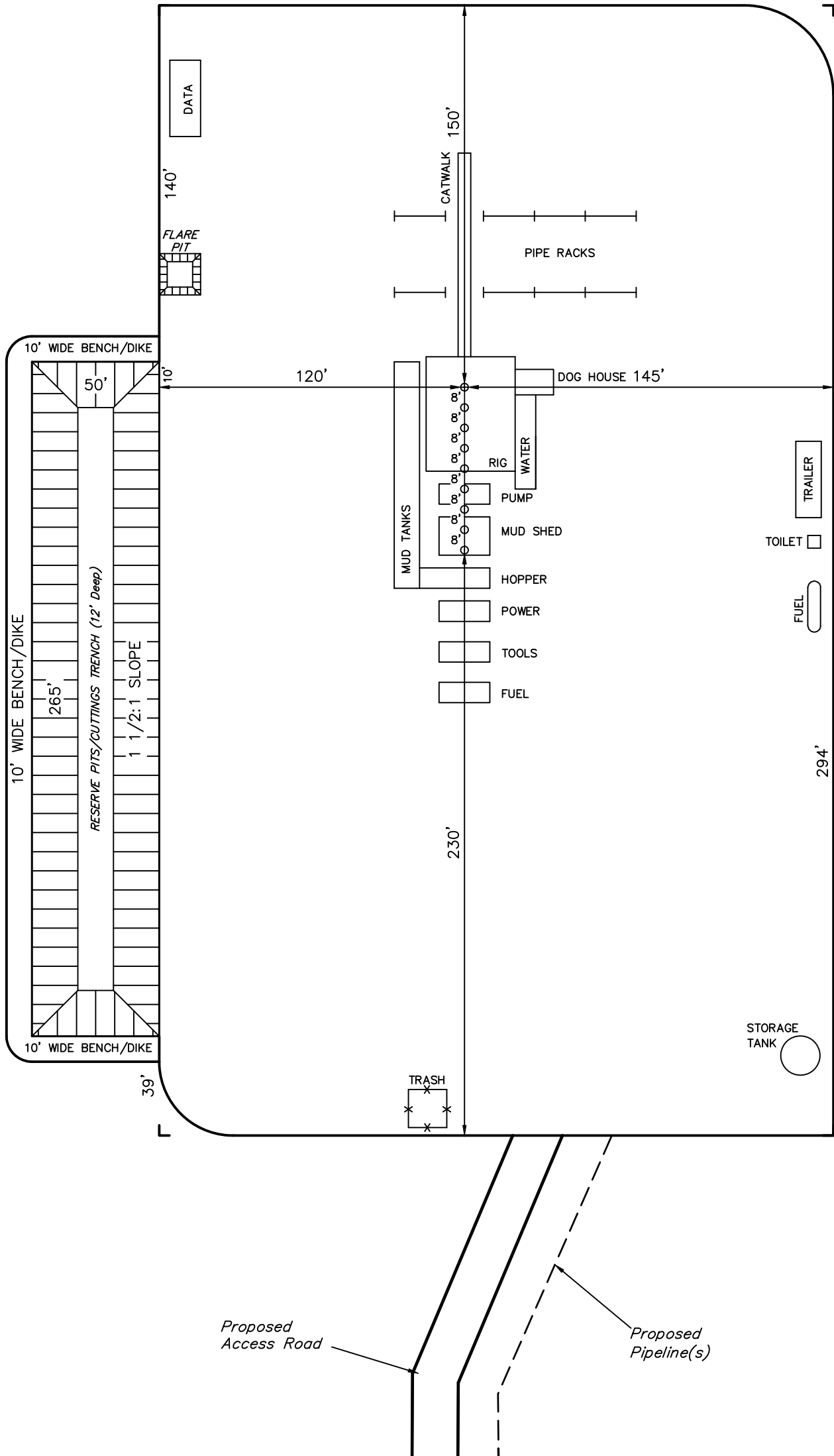
FIGURE #3



SCALE: 1" = 50'  
DATE: 01-29-10  
DRAWN BY: P.M.  
REV: 06-11-10 C.C.  
REV: 07-20-10 C.C.  
REV: 04-08-11 C.C.



Total Pit Capacity  
W/2' of Freeboard  
= 12,740 Bbls.±  
Total Pit Volume  
= 3,560 Cu. Yds



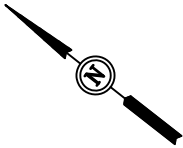
**BILL BARRETT CORPORATION**

**INTERIM RECLAMATION DIAGRAM FOR**

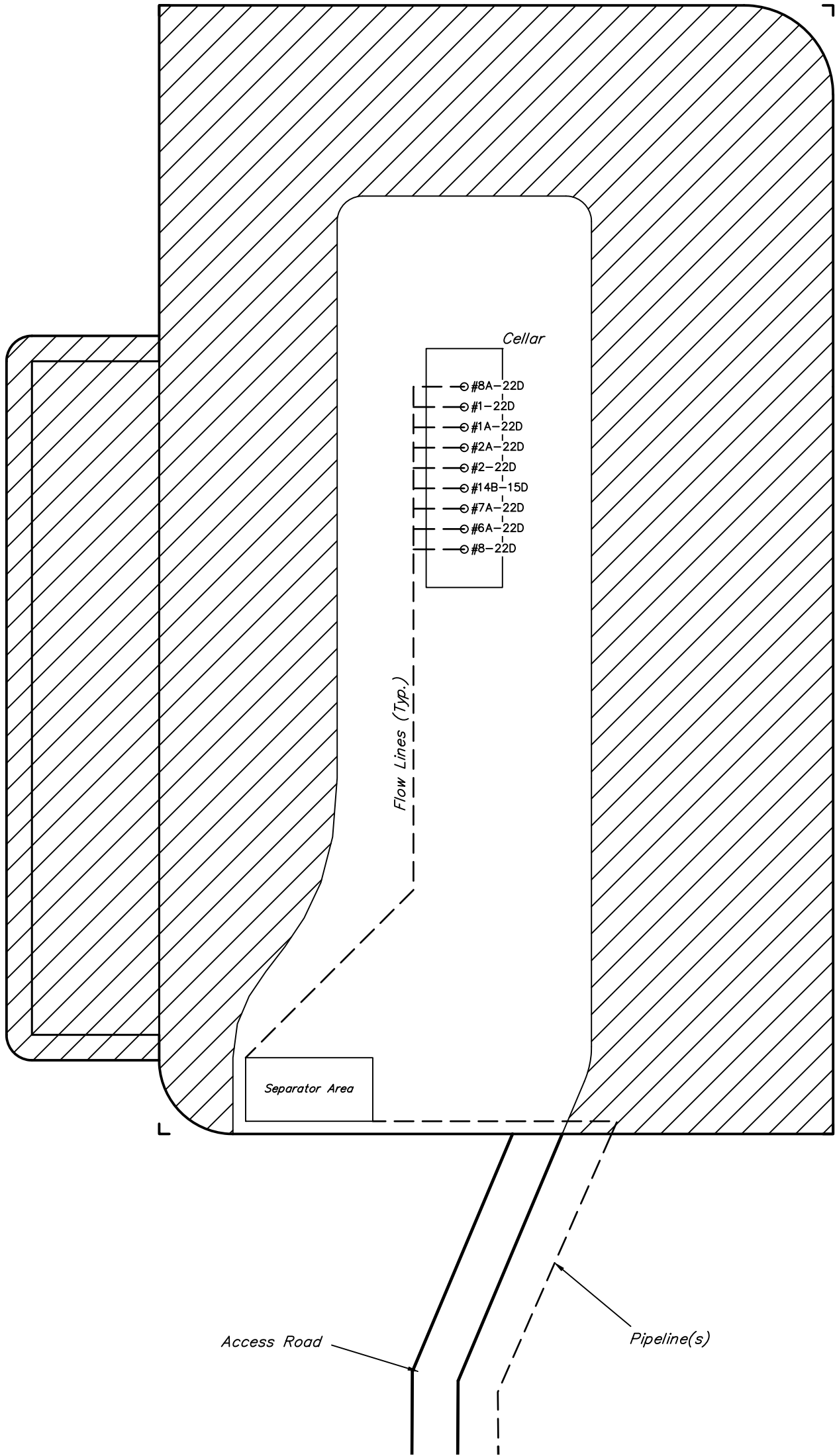
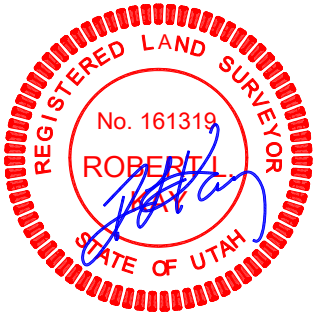
***PRICKLY PEAR UNIT FEDERAL NE 22 PAD***


PRICKLY PEAR UNIT FEDERAL #8A-22D-12-15, #1-22D-12-15,  
#1A-22D-12-15, #2A-22D-12-15, #2-22D-12-15, #14B-15D-12-15,  
#7A-22D-12-15, #6A-22D-12-15 & #8-22D-12-15  
SECTION 22, T12S, R15E, S.L.B.&M.  
SE 1/4 NE 1/4

*FIGURE #4*



SCALE: 1" = 50'  
DATE: 06-11-10  
DRAWN BY: C.C.  
REV: 07-20-10 C.C.  
REV: 04-08-11 C.C.



 RE-HABBED AREA

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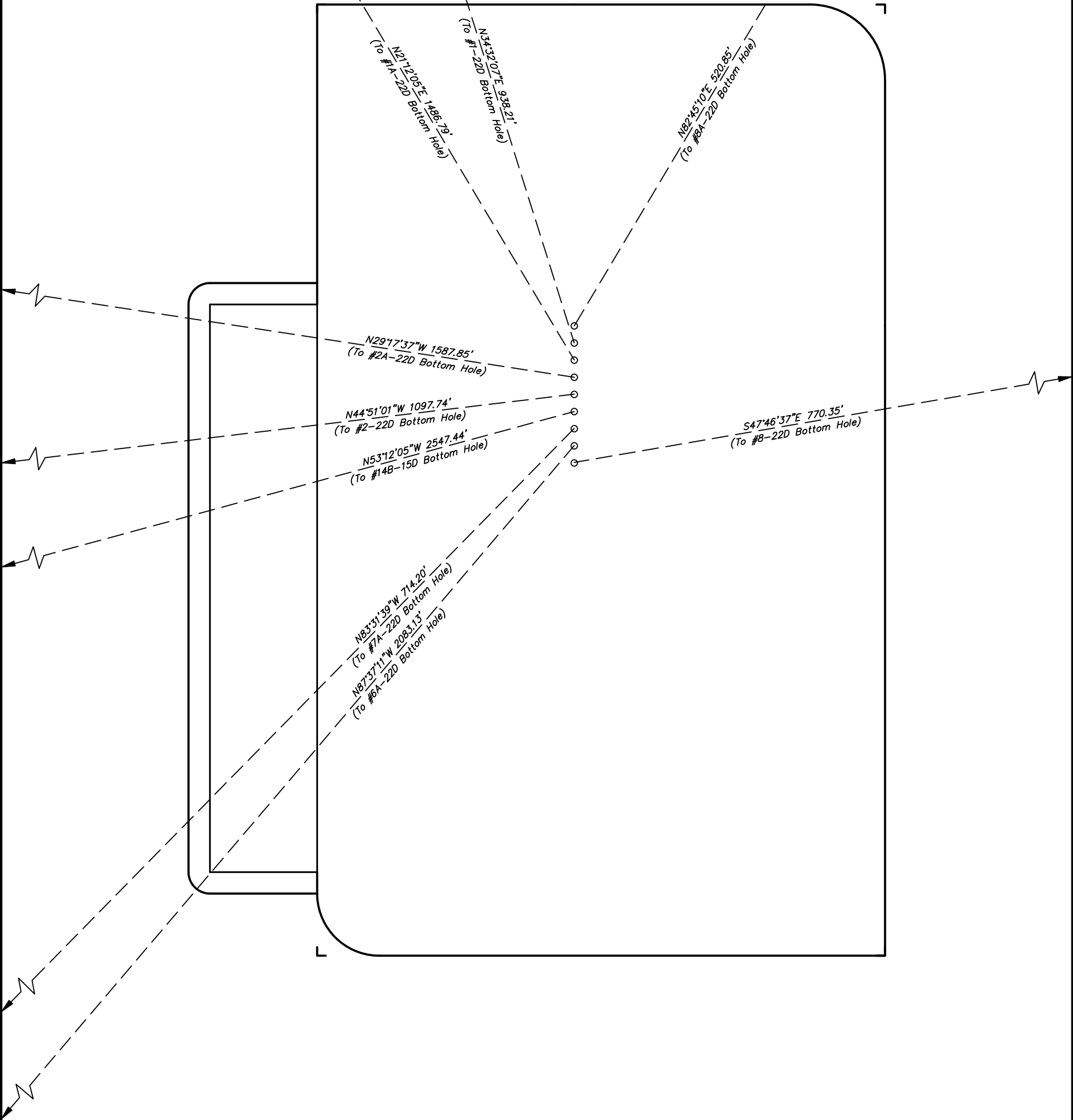
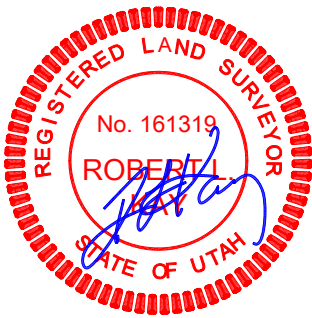
INTERFERENCE DIAGRAM FOR

PRICKLY PEAR UNIT FEDERAL NE 22 PAD

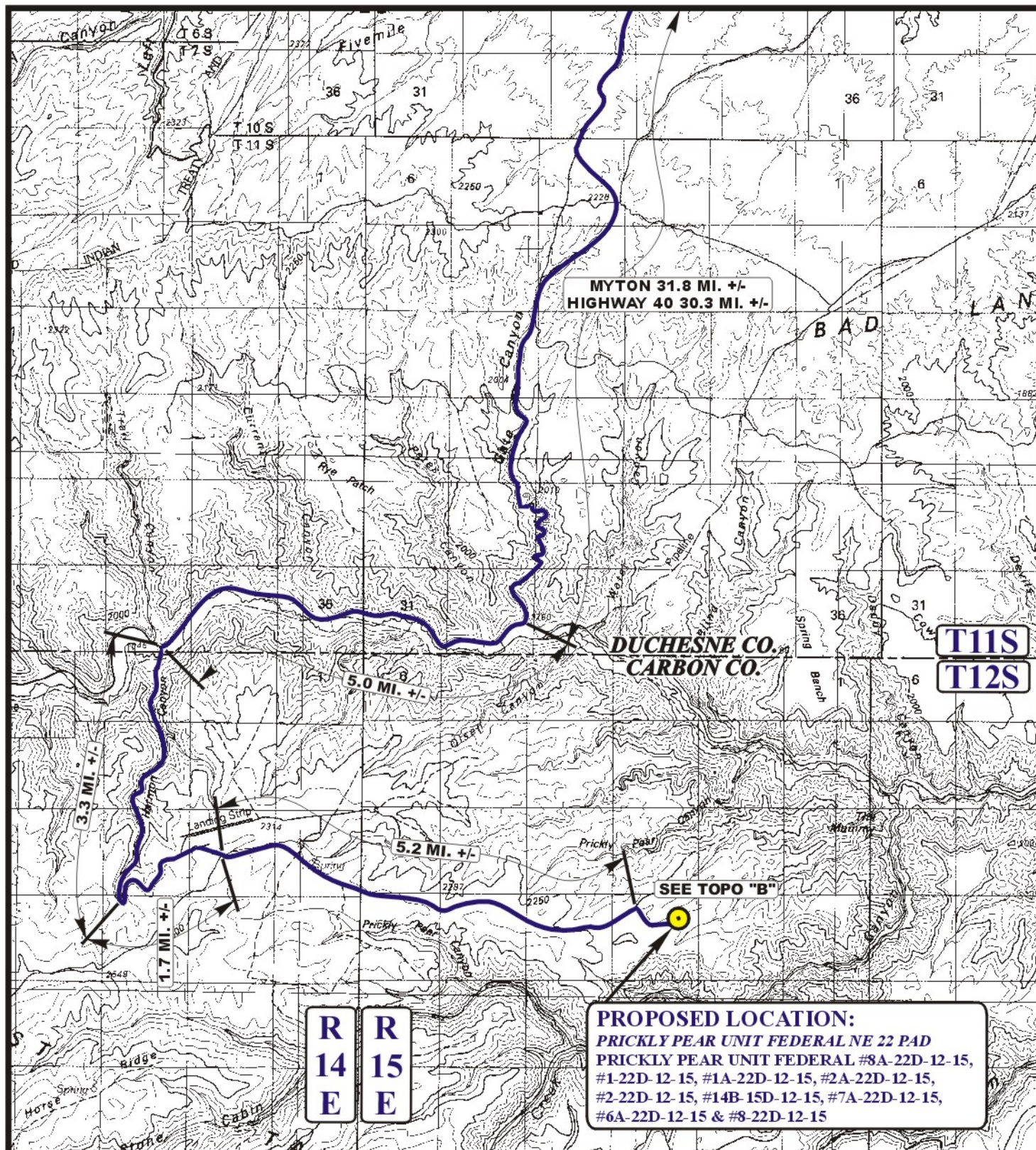
PRICKLY PEAR UNIT FEDERAL #8A-22D-12-15, #1-22D-12-15,  
#1A-22D-12-15, #2A-22D-12-15, #2-22D-12-15, #14B-15D-12-15,  
#7A-22D-12-15, #6A-22D-12-15 & #8-22D-12-15  
SECTION 22, T12S, R15E, S.L.B.&M.  
SE 1/4 NE 1/4

FIGURE #5

SCALE: 1" = 50'  
DATE: 06-11-10  
DRAWN BY: C.C.  
REV: 07-20-10 C.C.  
REV: 04-08-11 C.C.







# LEGEND:

 PROPOSED LOCATION

# BILL BARRETT CORPORATION

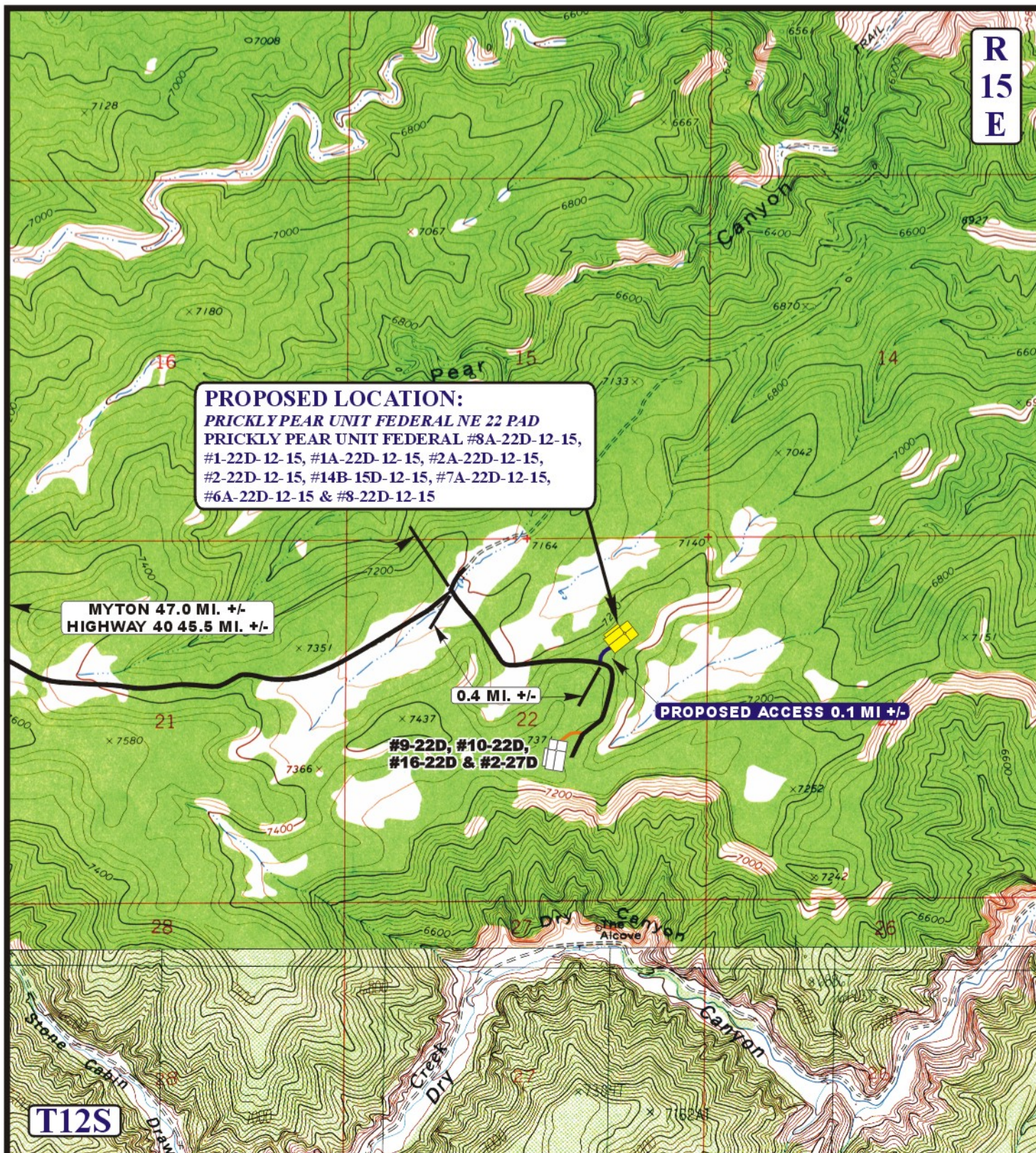
PRICKLY PEAR UNIT FEDERAL NE 22 PAD  
 PRICKLY PEAR UNIT FEDERAL #8A-22D-12-15, #1-22D-12-15, #1A-22D-12-15, #2A-22D-12-15, #2-22D-12-15, #14B-15D-12-15, #7A-22D-12-15, #6A-22D-12-15 & #8-22D-12-15  
 SECTION 22, T12S, R15E, S.L.B.&M.  
 SE 1/4 NE 1/4

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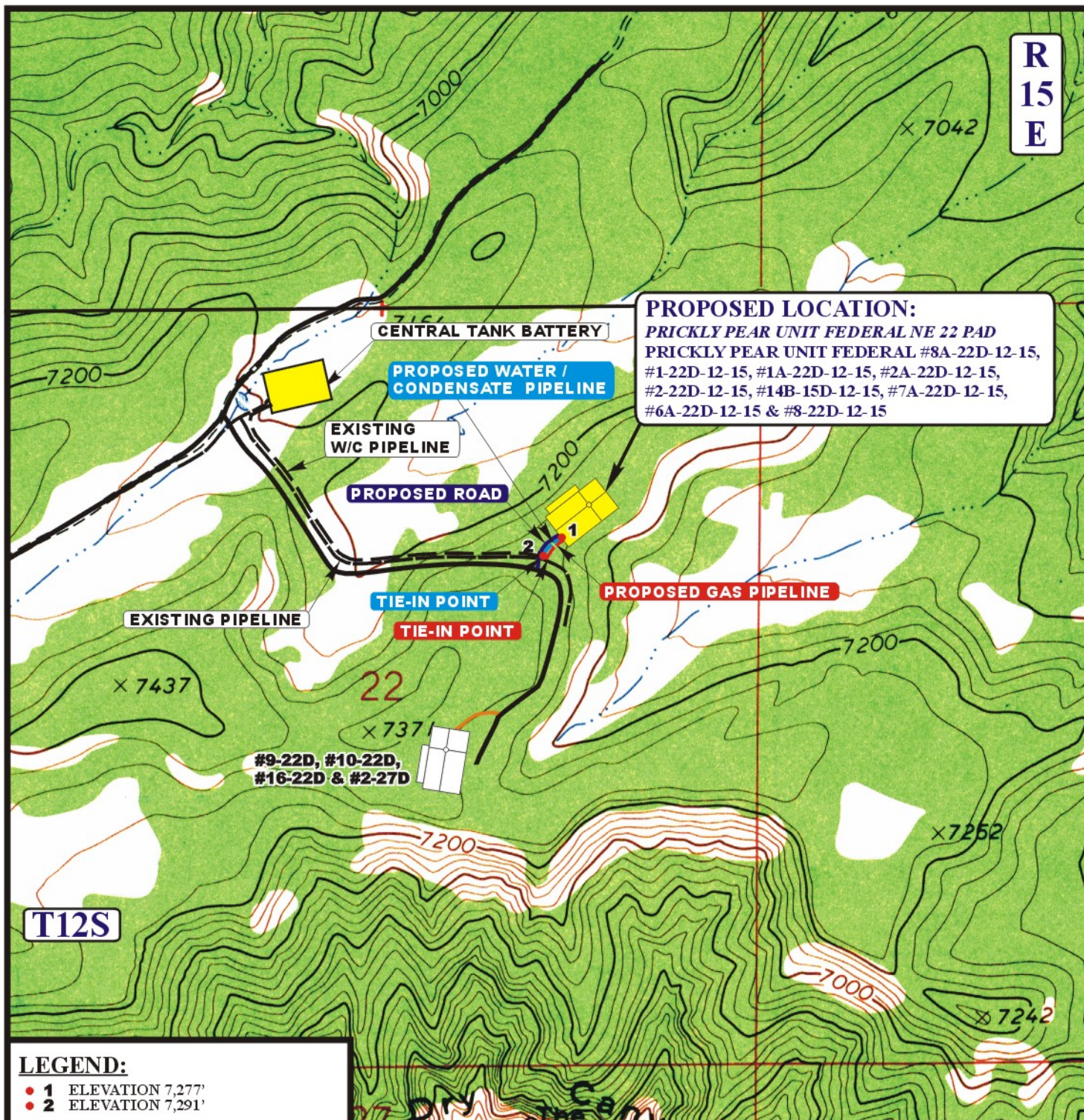
**TOPOGRAPHIC** **11 16 07**  
**MAP** MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.C. REVISED: 04-08-11

**A**  
**TOPO**









APPROXIMATE TOTAL WATER/CONDENSATE PIPELINE DISTANCE = 278' +/-

APPROXIMATE TOTAL GAS PIPELINE DISTANCE = 278' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - PROPOSED PIPELINE



**BILL BARRETT CORPORATION**

PRICKLY PEAR UNIT FEDERAL NE 22 PAD  
 PRICKLY PEAR UNIT FEDERAL #8A-22D-12-15, #1-22D-12-15,  
 #1A-22D-12-15, #2A-22D-12-15, #2-22D-12-15,  
 #14B-15D-12-15, #7A-22D-12-15, #6A-22D-12-15 & #8-22D-12-15  
 SECTION 22, T12S, R15E, S.L.B.&M.  
 SE 1/4 NE 1/4



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
 MAP**

**11 16 07**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.C. REVISED: 04-21-11







**Bill Barrett Corporation**

## **Bill Barrett Corp.**

Carbon County, UT [NAD27]  
Prickly Pear NE 22 Pad  
Prickly Pear UF 8A-22D-12-15

**Wellbore #1**

**Plan: plan1 04may11 smw**

## **Standard Planning Report**

**04 May, 2011**

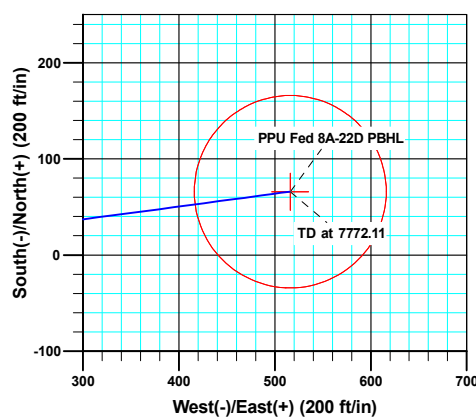
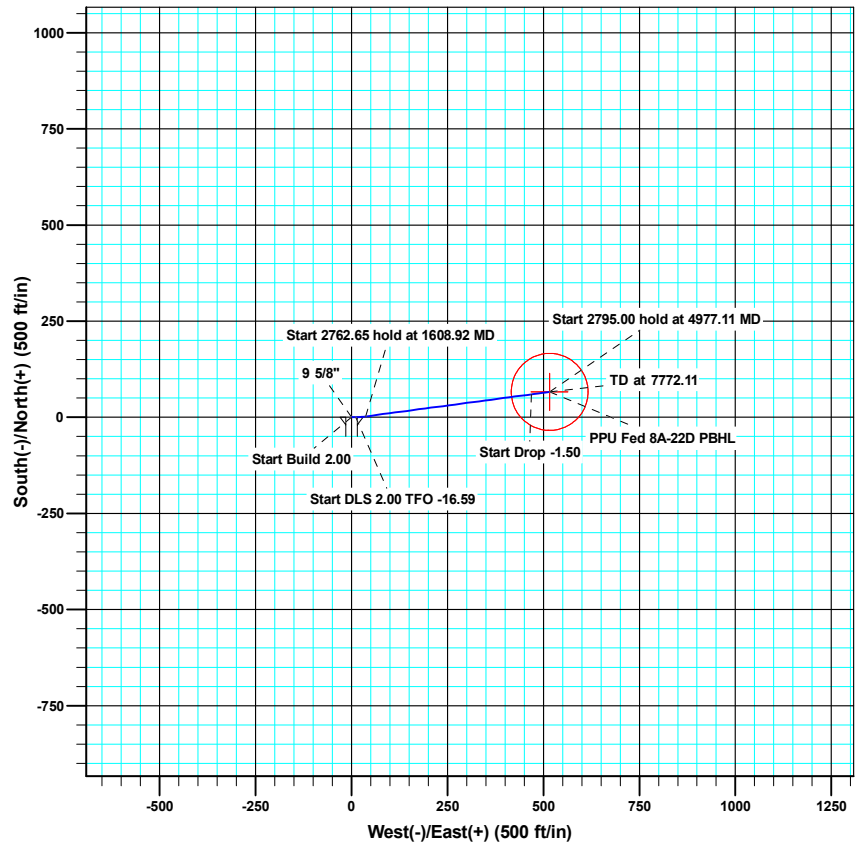
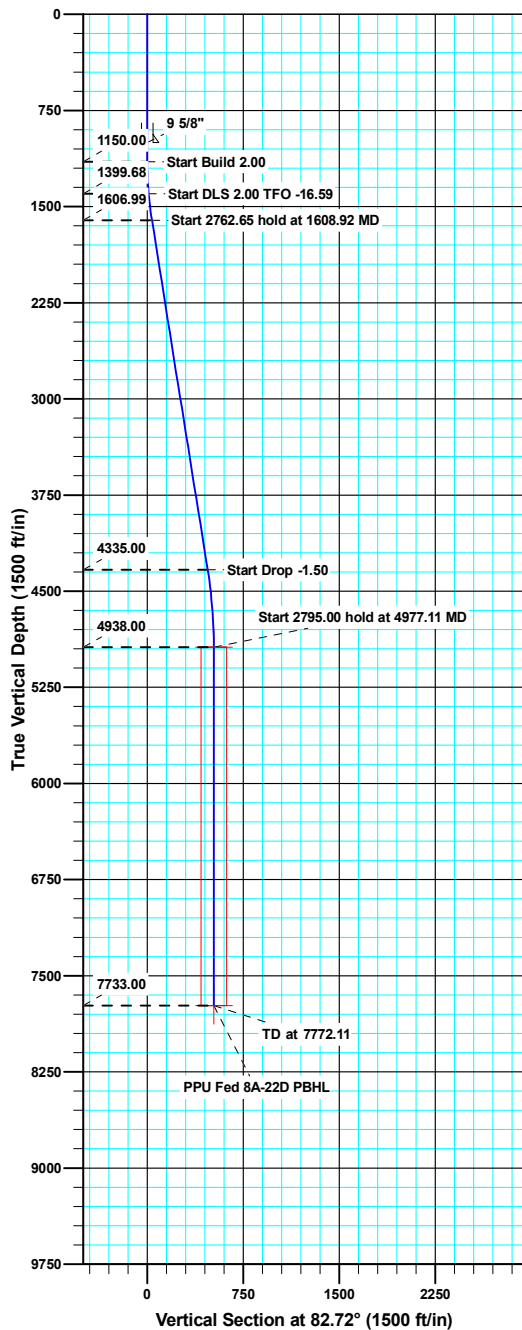


## WELL DETAILS: Prickly Pear UF 8A-22D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)



Ground Level: 7266.00  
 +N/-S 0.00 +E/-W 0.00 Northing 523183.70 Easting 2360588.11 Latitude 39° 45' 45.58 N Longitude 110° 13' 2.01 W



Azimuths to True North  
 Magnetic North: 11.35°

Magnetic Field  
 Strength: 52091.4snT  
 Dip Angle: 65.54°  
 Date: 05/04/2011  
 Model: IGRF2010

## SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1150.00	0.000	0.00	1150.00	0.00	0.00	0.00	0.00	0.00	
1400.00	5.000	90.00	1399.68	0.00	10.90	2.00	90.00	10.81	
1608.92	9.083	82.43	1606.99	2.17	36.36	2.00	-16.59	36.35	
4371.57	9.083	82.43	4335.00	59.64	468.69	0.00	0.00	472.47	
4977.11	0.000	0.00	4938.00	65.95	516.17	1.50	180.00	520.36	PPU Fed 8A-22D Target
7772.11	0.000	0.00	7733.00	65.95	516.17	0.00	0.00	520.36	PPU Fed 8A-22D PBHL

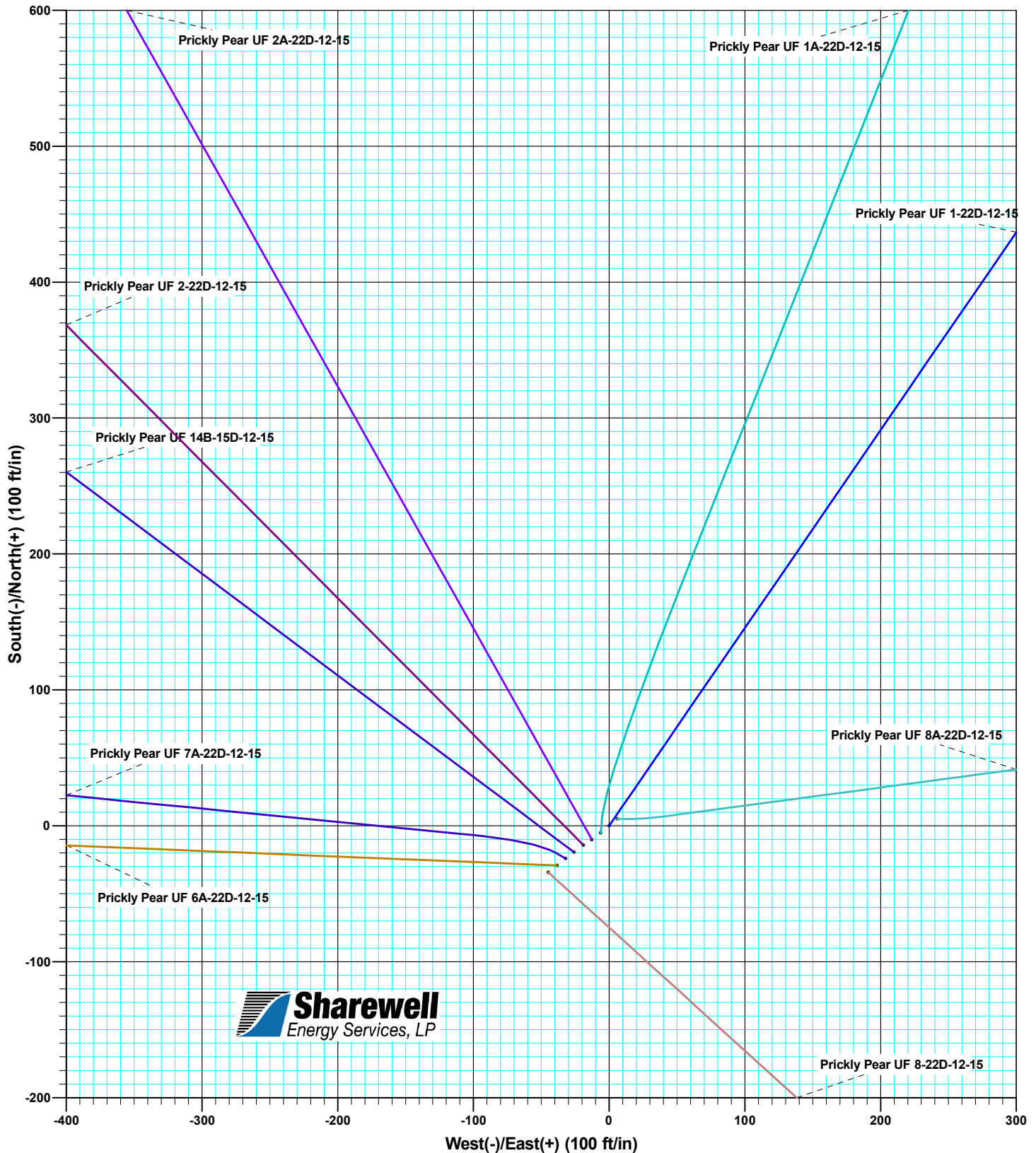


## WELL DETAILS: Prickly Pear NE 22 Pad

NAD 1927 (NADCON CONUS) , US State Plane 1927 (Exact solution) , Utah Central 4302

Ground Level: 7266.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	523178.52	2360582.00	39° 45' 45.53 N	110° 13' 2.09 W





<b>Database:</b>	Compass VM	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear UF 8A-22D-12-15
<b>Company:</b>	Bill Barrett Corp.	<b>TVD Reference:</b>	GL @ 7266.00ft
<b>Project:</b>	Carbon County, UT [NAD27]	<b>MD Reference:</b>	GL @ 7266.00ft
<b>Site:</b>	Prickly Pear NE 22 Pad	<b>North Reference:</b>	True
<b>Well:</b>	Prickly Pear UF 8A-22D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	plan1 04may11 smw		

<b>Project</b>	Carbon County, UT [NAD27]		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		Using geodetic scale factor

<b>Site</b>	Prickly Pear NE 22 Pad			
<b>Site Position:</b>		<b>Northing:</b>	523,178.52 usft	<b>Latitude:</b> 39° 45' 45.53 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,360,582.00 usft	<b>Longitude:</b> 110° 13' 2.09 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	1.10 ft	<b>Grid Convergence:</b> 0.82 °

<b>Well</b>	Prickly Pear UF 8A-22D-12-15			
<b>Well Position</b>	<b>+N/-S</b>	5.09 ft	<b>Northing:</b>	523,183.70 usft
	<b>+E/-W</b>	6.19 ft	<b>Easting:</b>	2,360,588.11 usft
<b>Position Uncertainty</b>	0.00 ft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b> 7,266.00 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	05/04/11	11.34	65.54	52,091

<b>Design</b>	plan1 04may11 smw			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	82.72

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,150.00	0.000	0.00	1,150.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,400.00	5.000	90.00	1,399.68	0.00	10.90	2.00	2.00	0.00	90.00	
1,608.92	9.083	82.43	1,606.99	2.17	36.36	2.00	1.95	-3.62	-16.59	
4,371.57	9.083	82.43	4,335.00	59.64	468.69	0.00	0.00	0.00	0.00	
4,977.11	0.000	0.00	4,938.00	65.95	516.17	1.50	-1.50	0.00	180.00	PPU Fed 8A-22D Tan
7,772.11	0.000	0.00	7,733.00	65.95	516.17	0.00	0.00	0.00	0.00	PPU Fed 8A-22D PB



Database: Compass VM  
Company: Bill Barrett Corp.  
Project: Carbon County, UT [NAD27]  
Site: Prickly Pear NE 22 Pad  
Well: Prickly Pear UF 8A-22D-12-15  
Wellbore: Wellbore #1  
Design: plan1 04may11 smw

Local Co-ordinate Reference: Well Prickly Pear UF 8A-22D-12-15  
TVD Reference: GL @ 7266.00ft  
MD Reference: GL @ 7266.00ft  
North Reference: True  
Survey Calculation Method: Minimum Curvature

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,150.00	0.000	0.00	1,150.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Start Build 2.00</b>									
1,200.00	1.000	90.00	1,200.00	0.00	0.44	0.43	2.00	2.00	0.00
1,300.00	3.000	90.00	1,299.93	0.00	3.93	3.89	2.00	2.00	0.00
1,400.00	5.000	90.00	1,399.68	0.00	10.90	10.81	2.00	2.00	0.00
<b>Start DLS 2.00 TFO -16.59</b>									
1,500.00	6.940	85.27	1,499.14	0.50	21.28	21.17	2.00	1.94	-4.73
1,600.00	8.907	82.61	1,598.18	1.99	34.98	34.95	2.00	1.97	-2.66
1,608.92	9.083	82.43	1,606.99	2.17	36.36	36.35	2.00	1.97	-2.04
<b>Start 2762.65 hold at 1608.92 MD</b>									
1,700.00	9.083	82.43	1,696.93	4.07	50.62	50.72	0.00	0.00	0.00
1,800.00	9.083	82.43	1,795.67	6.15	66.27	66.51	0.00	0.00	0.00
1,900.00	9.083	82.43	1,894.42	8.23	81.91	82.30	0.00	0.00	0.00
2,000.00	9.083	82.43	1,993.16	10.31	97.56	98.08	0.00	0.00	0.00
2,100.00	9.083	82.43	2,091.91	12.39	113.21	113.87	0.00	0.00	0.00
2,200.00	9.083	82.43	2,190.66	14.47	128.86	129.66	0.00	0.00	0.00
2,300.00	9.083	82.43	2,289.40	16.55	144.51	145.44	0.00	0.00	0.00
2,400.00	9.083	82.43	2,388.15	18.63	160.16	161.23	0.00	0.00	0.00
2,500.00	9.083	82.43	2,486.89	20.71	175.81	177.02	0.00	0.00	0.00
2,600.00	9.083	82.43	2,585.64	22.79	191.46	192.80	0.00	0.00	0.00
2,700.00	9.083	82.43	2,684.39	24.87	207.11	208.59	0.00	0.00	0.00
2,800.00	9.083	82.43	2,783.13	26.95	222.76	224.37	0.00	0.00	0.00
2,900.00	9.083	82.43	2,881.88	29.03	238.40	240.16	0.00	0.00	0.00
3,000.00	9.083	82.43	2,980.62	31.11	254.05	255.95	0.00	0.00	0.00
3,100.00	9.083	82.43	3,079.37	33.19	269.70	271.73	0.00	0.00	0.00
3,200.00	9.083	82.43	3,178.12	35.27	285.35	287.52	0.00	0.00	0.00
3,300.00	9.083	82.43	3,276.86	37.35	301.00	303.31	0.00	0.00	0.00
3,400.00	9.083	82.43	3,375.61	39.43	316.65	319.09	0.00	0.00	0.00
3,500.00	9.083	82.43	3,474.35	41.51	332.30	334.88	0.00	0.00	0.00
3,600.00	9.083	82.43	3,573.10	43.59	347.95	350.67	0.00	0.00	0.00
3,700.00	9.083	82.43	3,671.85	45.67	363.60	366.45	0.00	0.00	0.00
3,800.00	9.083	82.43	3,770.59	47.75	379.24	382.24	0.00	0.00	0.00
3,900.00	9.083	82.43	3,869.34	49.83	394.89	398.02	0.00	0.00	0.00
4,000.00	9.083	82.43	3,968.08	51.91	410.54	413.81	0.00	0.00	0.00
4,100.00	9.083	82.43	4,066.83	53.99	426.19	429.60	0.00	0.00	0.00
4,200.00	9.083	82.43	4,165.58	56.07	441.84	445.38	0.00	0.00	0.00
4,300.00	9.083	82.43	4,264.32	58.15	457.49	461.17	0.00	0.00	0.00
4,371.57	9.083	82.43	4,335.00	59.64	468.69	472.47	0.00	0.00	0.00
<b>Start Drop -1.50</b>									
4,400.00	8.657	82.43	4,363.09	60.21	473.03	476.85	1.50	-1.50	0.00
4,500.00	7.157	82.43	4,462.13	62.03	486.67	490.61	1.50	-1.50	0.00
4,600.00	5.657	82.43	4,561.50	63.50	497.73	501.76	1.50	-1.50	0.00
4,700.00	4.157	82.43	4,661.14	64.62	506.21	510.32	1.50	-1.50	0.00
4,800.00	2.657	82.43	4,760.96	65.41	512.10	516.26	1.50	-1.50	0.00
4,900.00	1.157	82.43	4,860.90	65.84	515.40	519.59	1.50	-1.50	0.00
4,977.11	0.000	0.00	4,938.00	65.95	516.17	520.36	1.50	-1.50	0.00
<b>Start 2795.00 hold at 4977.11 MD - PPU Fed 8A-22D Target</b>									
5,000.00	0.000	0.00	4,960.89	65.95	516.17	520.36	0.00	0.00	0.00
5,100.00	0.000	0.00	5,060.89	65.95	516.17	520.36	0.00	0.00	0.00
5,200.00	0.000	0.00	5,160.89	65.95	516.17	520.36	0.00	0.00	0.00
5,300.00	0.000	0.00	5,260.89	65.95	516.17	520.36	0.00	0.00	0.00
5,400.00	0.000	0.00	5,360.89	65.95	516.17	520.36	0.00	0.00	0.00
5,500.00	0.000	0.00	5,460.89	65.95	516.17	520.36	0.00	0.00	0.00





<b>Database:</b>	Compass VM	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear UF 8A-22D-12-15
<b>Company:</b>	Bill Barrett Corp.	<b>TVD Reference:</b>	GL @ 7266.00ft
<b>Project:</b>	Carbon County, UT [NAD27]	<b>MD Reference:</b>	GL @ 7266.00ft
<b>Site:</b>	Prickly Pear NE 22 Pad	<b>North Reference:</b>	True
<b>Well:</b>	Prickly Pear UF 8A-22D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	plan1 04may11 smw		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,600.00	0.000	0.00	5,560.89	65.95	516.17	520.36	0.00	0.00	0.00
5,700.00	0.000	0.00	5,660.89	65.95	516.17	520.36	0.00	0.00	0.00
5,800.00	0.000	0.00	5,760.89	65.95	516.17	520.36	0.00	0.00	0.00
5,900.00	0.000	0.00	5,860.89	65.95	516.17	520.36	0.00	0.00	0.00
6,000.00	0.000	0.00	5,960.89	65.95	516.17	520.36	0.00	0.00	0.00
6,100.00	0.000	0.00	6,060.89	65.95	516.17	520.36	0.00	0.00	0.00
6,200.00	0.000	0.00	6,160.89	65.95	516.17	520.36	0.00	0.00	0.00
6,300.00	0.000	0.00	6,260.89	65.95	516.17	520.36	0.00	0.00	0.00
6,400.00	0.000	0.00	6,360.89	65.95	516.17	520.36	0.00	0.00	0.00
6,500.00	0.000	0.00	6,460.89	65.95	516.17	520.36	0.00	0.00	0.00
6,600.00	0.000	0.00	6,560.89	65.95	516.17	520.36	0.00	0.00	0.00
6,700.00	0.000	0.00	6,660.89	65.95	516.17	520.36	0.00	0.00	0.00
6,800.00	0.000	0.00	6,760.89	65.95	516.17	520.36	0.00	0.00	0.00
6,900.00	0.000	0.00	6,860.89	65.95	516.17	520.36	0.00	0.00	0.00
7,000.00	0.000	0.00	6,960.89	65.95	516.17	520.36	0.00	0.00	0.00
7,100.00	0.000	0.00	7,060.89	65.95	516.17	520.36	0.00	0.00	0.00
7,200.00	0.000	0.00	7,160.89	65.95	516.17	520.36	0.00	0.00	0.00
7,300.00	0.000	0.00	7,260.89	65.95	516.17	520.36	0.00	0.00	0.00
7,400.00	0.000	0.00	7,360.89	65.95	516.17	520.36	0.00	0.00	0.00
7,500.00	0.000	0.00	7,460.89	65.95	516.17	520.36	0.00	0.00	0.00
7,600.00	0.000	0.00	7,560.89	65.95	516.17	520.36	0.00	0.00	0.00
7,700.00	0.000	0.00	7,660.89	65.95	516.17	520.36	0.00	0.00	0.00
7,772.11	0.000	0.00	7,733.00	65.95	516.17	520.36	0.00	0.00	0.00
TD at 7772.11 - PPU Fed 8A-22D PBHL									

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PPU Fed 8A-22D Target - plan hits target center - Circle (radius 100.00)	0.000	0.00	4,938.00	65.95	516.17	523,257.03	2,361,103.23	39° 45' 46.23 N	110° 12' 55.40 W
PPU Fed 8A-22D PBHL - plan hits target center - Point	0.000	0.00	7,733.00	65.95	516.17	523,257.03	2,361,103.23	39° 45' 46.23 N	110° 12' 55.40 W

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (ft)	Hole Diameter (ft)	
1,000.00	1,000.00	9 5/8"	0.80	1.02	



<b>Database:</b>	Compass VM	<b>Local Co-ordinate Reference:</b>	Well Prickly Pear UF 8A-22D-12-15
<b>Company:</b>	Bill Barrett Corp.	<b>TVD Reference:</b>	GL @ 7266.00ft
<b>Project:</b>	Carbon County, UT [NAD27]	<b>MD Reference:</b>	GL @ 7266.00ft
<b>Site:</b>	Prickly Pear NE 22 Pad	<b>North Reference:</b>	True
<b>Well:</b>	Prickly Pear UF 8A-22D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	plan1 04may11 smw		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,150.00	1,150.00	0.00	0.00	Start Build 2.00
1,400.00	1,399.68	0.00	10.90	Start DLS 2.00 TFO -16.59
1,608.92	1,606.99	2.17	36.36	Start 2762.65 hold at 1608.92 MD
4,371.57	4,335.00	59.64	468.69	Start Drop -1.50
4,977.11	4,938.00	65.95	516.17	Start 2795.00 hold at 4977.11 MD
7,772.11	7,733.00	65.95	516.17	TD at 7772.11

**SURFACE USE PLAN**

BILL BARRETT CORPORATION

**Prickly Pear Unit Federal NE Sec. 22 Pad SUP (revised 5/12/11)****Carbon County, UT**

<b><u>Prickly Pear Unit Federal 1-22D-12-15</u></b> SENE, 1405' FNL, 1203' FEL, Sec. 22, T12S-R15E (surface) NENE, 635' FNL, 669' FEL, Sec. 22, T12S-R15E (bottom)	<b><u>Prickly Pear Unit Federal 2-22D-12-15</u></b> SENE, 1420' FNL, 1222' FEL, Sec. 22, T12S-R15E (surface) NWNE, 638' FNL, 1994' FEL, Sec. 22, T12S-R15E (bottom)
<b><u>Prickly Pear Unit Federal 8-22D-12-15</u></b> SENE, 1439' FNL, 1247' FEL, Sec. 22, T12S-R15E (surface) SENE, 1960' FNL, 679' FEL, Sec. 22, T12S-R15E (bottom)	<b><u>Prickly Pear Unit Federal 8A-22D-12-15</u></b> SENE, 1400' FNL, 1197' FEL, Sec. 22, T12S-R15E (surface) SENE, 1337' FNL, 680' FEL, Sec. 22, T12S-R15E (bottom)
<b><u>Prickly Pear Unit Federal 1A-22D-12-15</u></b> SENE, 1405' FNL, 1203' FEL, Sec. 22, T12S-R15E (surface) NENE, 26' FNL, 668' FEL, Sec. 22, T12S-R15E (bottom)	<b><u>Prickly Pear Unit Federal 2A-22D-12-15</u></b> SENE, 1415' FNL, 1216' FEL, Sec. 22, T12S-R15E (surface) NWNE, 26' FNL, 1988' FEL, Sec. 22, T12S-R15E (bottom)
<b><u>Prickly Pear Unit Federal 14B-15D-12-15</u></b> SENE, 1425' FNL, 1229' FEL, Sec. 22, T12S-R15E (surface) SESW, 111' FSL, 2037' FEL, Sec. 15, T12S-R15E (bottom)	<b><u>Prickly Pear Unit Federal 7A-22D-12-15</u></b> SENE, 1429' FNL, 1235' FEL, Sec. 22, T12S-R15E (surface) SWNE, 1345' FNL, 1944' FEL, Sec. 22, T12S-R15E (bottom)
<b><u>Prickly Pear Unit Federal 6A-22D-12-15</u></b> SENE, 1434' FNL, 1241' FEL, Sec. 22, T12S-R15E (surface) SENW, 1338' FNL, 1986' FEL, Sec. 22, T12S-R15E (bottom)	

**This is a new pad with a total of nine directional wells proposed. The onsite for this pad occurred December 1, 2008 and a subsequent onsite occurred June 30, 2010 to review pad changes.**

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

1. **Existing Roads:**

- a. The proposed pad is located approximately 47.5 miles from Myton, Utah. Maps reflecting directions to the proposed pad are included (see Topographic maps A and B).
- b. The use of roads under State and County Road Department maintenance is necessary to access the Prickly Pear Unit. However, an encroachment permit is not anticipated as there are no upgrades to the State or County road systems proposed at this time.
- c. No topsoil stripping would occur as there are no improvements proposed to existing State, County or main BLM access roads.
- d. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a scraper and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- e. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- f. To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind corners, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.

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- g. Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.
- h. An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Prickly Pear Unit area. All new construction would be within the Unit.

2. Planned Access Road:

- a. From the existing Prickly Pear road, BBC would traverse south on an existing access road to the Prickly Pear 13-23 well pad. Approximately 560 ft of proposed new road would be required within the Prickly Pear Unit (see Topographic Map B). A road design plan is not anticipated at this time.
- b. The new proposed access road would be co-located by pipeline(s) and the requested corridor disturbance would be 100 ft with a short-term corridor disturbance of 80 reclaimed to a long-term corridor of 30 ft.
- c. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- d. Intervisible turnouts would be constructed, where necessary and as topographic conditions allow, in order to improve traffic safety. A maximum grade of 10 percent would be maintained with minimum cuts and fills, as necessary, to access the well pad.
- e. New road construction and improvements of existing roads would typically require the use of motorgraders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private, State of Utah, or federal lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- h. Adequate drainage structures would be incorporated and culverts, with a minimum diameter of 18 inches, would be installed as necessary.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- k. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil

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and Gas Exploration and Development, Fourth Edition – Revised 2007. BBC would be responsible for all maintenance of the access road.

3. Location of Existing Wells (see One-Mile Radius Map):

a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

i. water wells	none
ii. injection wells	none
iii. disposal wells	none
iv. drilling wells	none
v. temp shut-in wells	none
vi. producing wells	twenty-seven
vii. abandoned wells	one

4. Location of Production Facilities:

- a. Each proposed well would have its own meter run and separator. Proposed wellheads and christmas trees [may](#) be contained below location grade in pre-cast concrete trenches. All wellheads associated with the drilling operations for this pad would be contained in the same trench measuring approximately 12 ft wide, 10 ft deep, and [72 ft](#) long (# wells x 8 ft + 16 ft for two end pieces). Drawings of below ground cellars can be provided by BBC upon request.
- b. [One 300-bbl low profile tank would be located on this pad and the rest of the tank facilities](#) for this pad would be located at a centralized tank battery facility (CTB) at the existing Prickly Pear 3-22 well pad in the NENW, Sec. 22, T12S-R15E within the Prickly Pear unit. Up to [thirteen](#) tanks (combination of 625 bbl and 400 bbl in capacity) would be located on the 3-22 well pad for production associated with this pad and for additional proposed pads that will also use this as a CTB. All of the new proposed wells for this pad are within the Prickly Pear unit and within the participating area and therefore tanks would be shared among the wells. [Figure 1, Prickly Pear 3-22 CTB reflects existing facilities.](#)
- c. The [tank on location and the](#) CTB would be surrounded by a secondary containment berm of sufficient capacity to contain the 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the CTB or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. Any variances from this would be submitted via a sundry notice. BBC requests permission to install the necessary production/operation facilities with this application.
- d. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines.
- e. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3 and any variances would be included with this submittal or submitted via sundry notice.
- f. A combustor is located on the existing 3-22 CTB for control of associated condensate tank emissions. No combustor is planned on the proposed new well pad.

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- g. A gas gathering pipeline (up to 12 inch diameter) approximately 278 ft in length and multiple liquids line (up to 6 inch diameter) approximately 278 feet in length, are associated with this application and are being applied for at this time (see Topographic Map C). Both lines would leave the southwest end of the pad and traverse tie into the existing 12 inch gas line and the existing liquids lines and the liquids line would transport the liquids to the CTB.
  - h. The new pipelines would be buried adjacent to the existing road.
  - i. The proposed new gas pipeline would be constructed of steel while the liquids line would be constructed of steel, polyethylene, or fiberglass.
  - j. Although BBC intends on burying the new proposed pipelines, burial of pipelines would depend upon the site-specific topographic and soil conditions and operational requirements. If bedrock was encountered, BBC would contact the Authorized Officer at the time of construction to discuss further.
  - k. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints would either remain on the surface or would be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.
  - l. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
  - m. To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend above the original ground level after the fill has settled. Wheel or other methods of compacting backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
  - n. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. These structures would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities that are required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
  - o. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any changes to facilities proposed within this surface use plan would be depicted on the site security diagram submitted.
  - p. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
5. Location and Type of Water Supply:
- a. Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under:
    - Application Number 90-1863, expires June 6, 2011
    - Application Number 98-860, expires September 30, 2010
    - Application Number 90-4, expires December 31, 2014
    - Application Number 90-1861, expires May 11, 2011
    - Application Number 90-1866, expires December 21, 2020
  - b. Water use for this location would most likely be diverted from Nine Mile Creek, the N¼ of Section 3, T12S-R14E. Bobtail trucks would haul the water, traveling Prickly Pear road to Harmon Canyon, traveling north to this point of diversion.

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- c. Water use would vary in accordance with the formations to be drilled but would average approximately 1 acre-foot (7,758 barrels) during drilling operations and 1 acre-foot (7,758 barrels) during completion operations.

6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken out of the Prickly Pear Unit.
- c. If any additional gravel is required, it would be obtained from SITLA materials permits, federal BBC locations within the Prickly Pear unit or from private sources.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.

Closed Loop Drilling System

- b. BBC intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 265 ft x 50 ft cuttings trench (indicated as reserve pit on Figure 1 located outboard of the location along the west side of the pad).
- c. The cuttings trench would not be lined. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

Conventional or Semi-Closed Loop Drilling System

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner would be disposed of in the pit and a minimum of 2 ft of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.
- g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

Completion Pit

- h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an

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impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

Other

- i. Produced fluids from the wells other than water would be decanted into steel test tanks until such time as construction of production facilities is completed. Produced water may be used in further drilling and completion activities, evaporated in the pit or would be hauled to a state approved disposal facility.
- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- l. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO<sub>2</sub> gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Carbon, Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- o. Sanitary waste equipment and trash bins would be removed from the WTP Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- p. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the West Tavaputs Project area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is possible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed



Bill Barrett Corporation  
Surface Use Plan  
Prickly Pear NE 22 Pad  
Carbon County, Utah

to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.

- q. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- b. Storage yards for tubulars and other equipment and temporary housing areas, located on BBC surface, would be utilized.
- c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. Active drilling locations could include up to five single wide mobile homes or fifth wheel campers/trailers.

9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6
- b. The pad has been staked at its maximum size of 444 ft x 265 ft with a 265 ft x 50 ft cuttings trench/reserve pit/completion pit outboard of the pad. The location layout and cross section diagrams are enclosed.
- c. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- d. Proposed wellheads and christmas trees may be contained below location grade in pre-cast concrete trenches.
- e. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.
- i. Dust suppression may be implemented if necessary to minimize the amount of fugitive dust.

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Surface Use Plan  
Prickly Pear NE 22 Pad  
Carbon County, Utah

10. Plan for Restoration of the Surface:

Interim Reclamation (see Figure 4)

- a. Portions of the disturbed area within a construction ROW or portions of well pads not needed for production would be reclaimed according to specifications of the BLM as appropriate.
- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad or access and pipeline corridor not needed for production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeding would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. BBC would apply and meet BLM's Green River District Reclamation Standards, where practicable.
- c. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- d. Following interim reclamation, access roads (including roads co-located with pipeline) would be reduced to approximately 30 feet of disturbance. Roads leading to well sites that would not have surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.
- e. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

Dry Hole/Final Reclamation

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, BBC would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by BBC would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- i. BBC would reshape disturbed channel beds to their approximate original configuration.
- j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted

Bill Barrett Corporation  
 Surface Use Plan  
 Prickly Pear NE 22 Pad  
 Carbon County, Utah

areas would be ripped to a depth of approximately 1 foot on 1.5 foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattleguards, and signs would be removed as roads are abandoned.

11. Surface and Mineral Ownership:

- a. Surface ownership – Federal under the management of the Bureau of Land Management – Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- b. Mineral ownership – Federal under the management of the Bureau of Land Management – Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

12. Other Information:

- a. Montgomery Archaeological Consultants conducted cultural resource inventories for this pad, access and pipelines under MOAC 07-381 dated November 1, 2007, MOAC 08-317 dated November 18, 2008 and MOAC 10-120.
- b. BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
  - No dogs within the WTP Project Area;
  - No firearms within the WTP Project Area;
  - No littering within the WTP Project Area;
  - Smoking within the WTP Project Area would only be allowed in off-operator active locations or in specifically designated smoking areas. All cigarette butts would be placed in appropriate containers and not thrown on the ground or out windows of vehicles; personnel and contractors would abide by all fire restriction orders;
  - Campfires or uncontained fires of any kind would be prohibited within the WTP Project Area;
  - Portable generators used in the WTP Project Area would have spark arrestors.
- d. All proposed disturbances are within the Prickly Pear unit on lease UTU-011604. Proposed disturbances area as follows:

Proposed Estimated Pad Disturbance	6.23
Proposed Estimated Co-Located Road/PL Disturbance	0.51
Total Proposed Estimated	6.74

OPERATOR CERTIFICATION

## Certification:

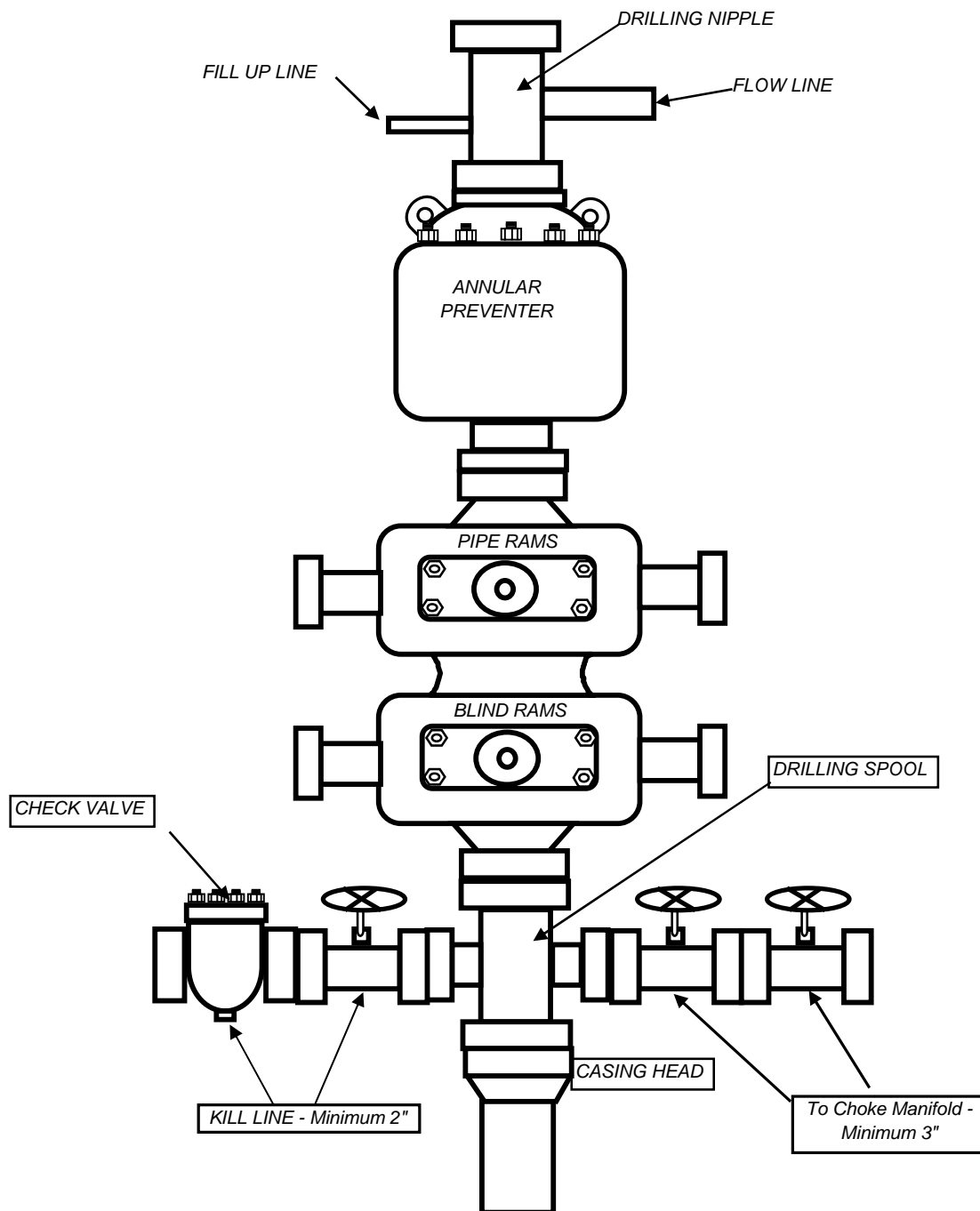
I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this 12<sup>th</sup> day of May 2011  
Name: Tracey Fallang  
Position Title: Regulatory Manager  
Address: 1099 18<sup>th</sup> Street, Suite 2300, Denver, CO 80202  
Telephone: 303-312-8134  
Field Representative Brandon Murdock  
Address: 1820 W. Hwy 40, Roosevelt, UT 84066  
Telephone: 435-724-5252  
E-mail: [bmurdock@billbarretcorp.com](mailto:bmurdock@billbarretcorp.com)

Tracey Fallang  
Tracey Fallang, Regulatory Manager

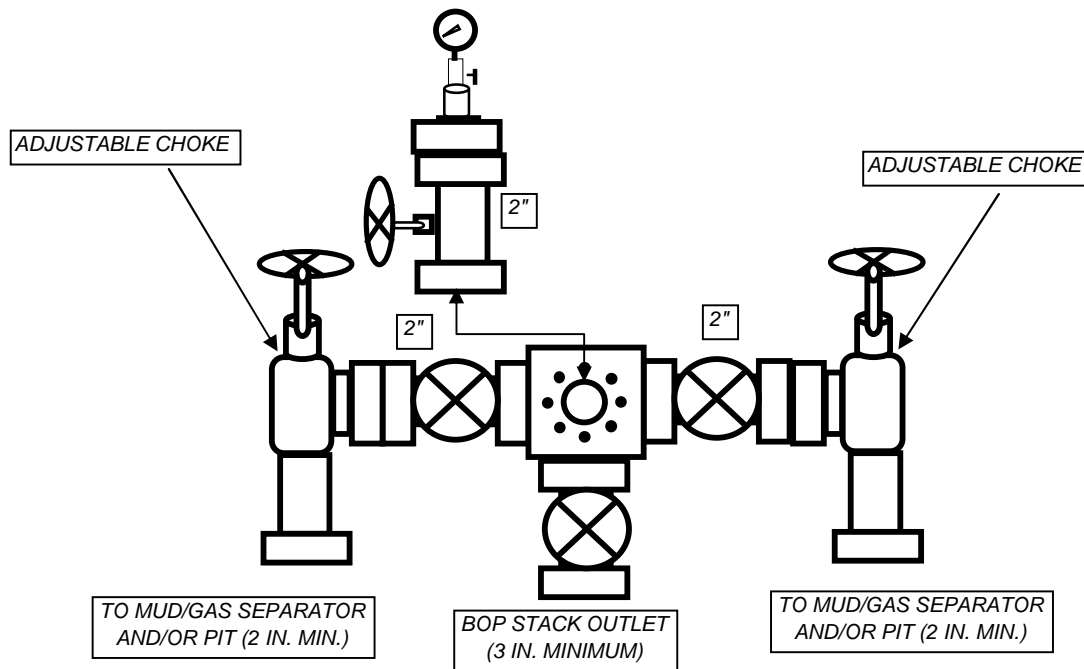
# BILL BARRETT CORPORATION

## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



# BILL BARRETT CORPORATION

## TYPICAL 3,000 p.s.i. CHOKE MANIFOLD





April 26, 2011

Ms. Diana Mason  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Directional Drilling R649-3-11  
Prickly Pear Unit Federal #8A-22D-12-15  
SHL: 1400' FNL & 1197' FEL, SENE 22-T12S-R15E  
BHL: 1337' FNL & 680' FEL, SENE 22-T12S-R15E  
Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Prickly Pear Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- BBC hereby certifies this well is located within 460 feet of the unit boundary.
- Additional working interest owner includes XTO Energy, Inc. BBC will consult with this owner regarding the drilling of this well.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact Vicki Wambolt, Landman at 303-312-8513.

Sincerely,



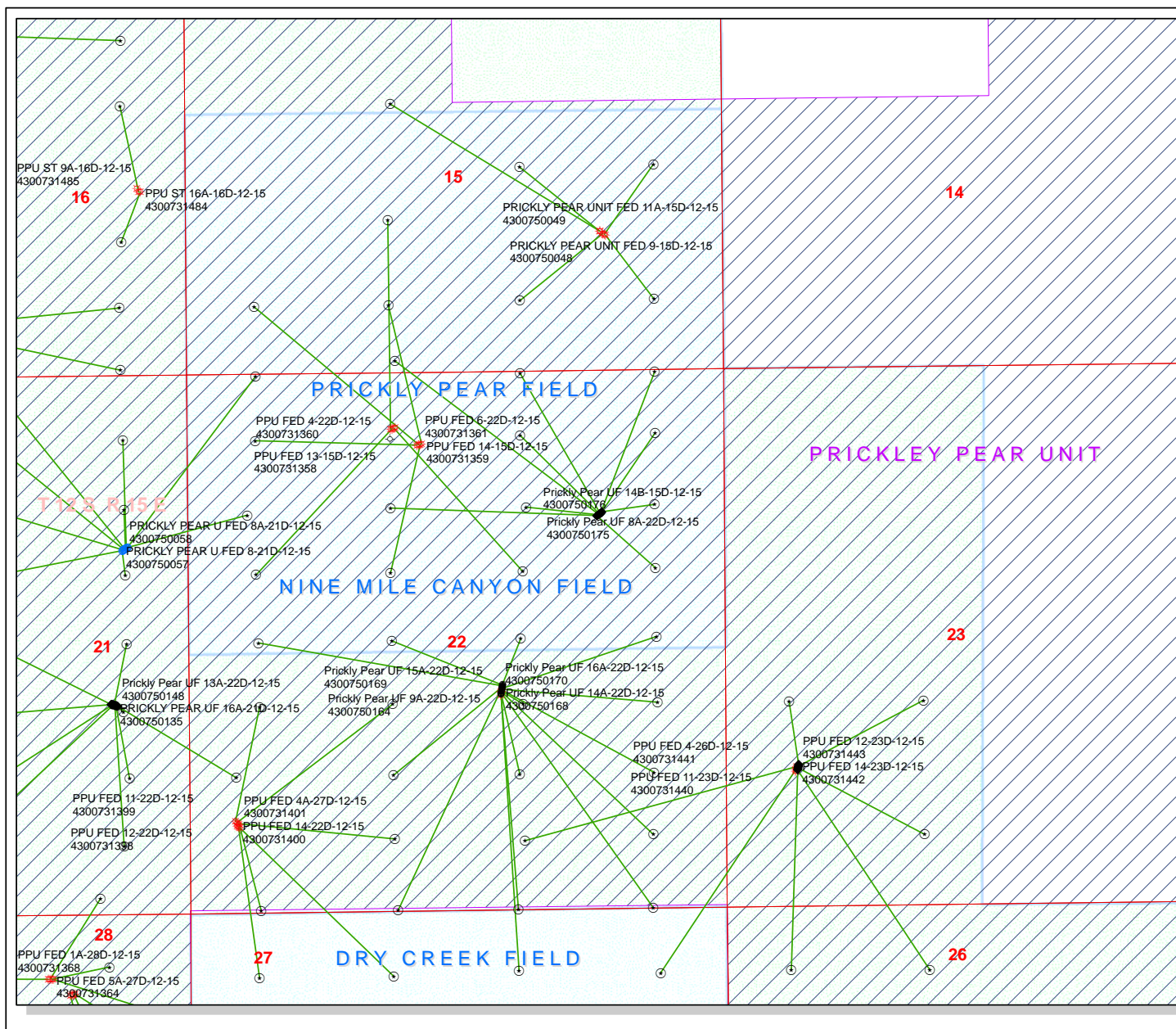
Vicki Wambolt  
Landman



1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202

**RECEIVED: May. 17, 2011**

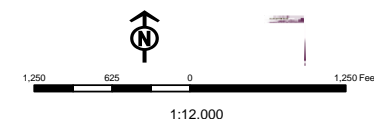




**API Number: 4300750175**  
**Well Name: Prickly Pear UF 8A-22D-12-15**  
**Township T1.2 . Range R1.5 . Section 22**  
**Meridian: SLBM**  
**Operator: BILL BARRETT CORP**

Map Prepared:  
 Map Produced by Diana Mason

Units	Wells Query
<b>STATUS</b>	<b>Status</b>
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERML	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
<b>Fields</b>	<b>Status</b>
Unknown	SGW - Shut-in Gas Well
ABANDONED	SOW - Shut-in Oil Well
ACTIVE	TA - Temp. Abandoned
COMBINED	TW - Test Well
INACTIVE	WDW - Water Disposal
STORAGE	WIW - Water Injection Well
TERMINATED	WSW - Water Supply Well
Sections	
Township	





## WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 5/16/2011**API NO. ASSIGNED:** 43007501750000**WELL NAME:** Prickly Pear UF 8A-22D-12-15**OPERATOR:** BILL BARRETT CORP (N2165)**PHONE NUMBER:** 303 312-8115**CONTACT:** Brady Riley**PROPOSED LOCATION:** SENE 22 120S 150E**Permit Tech Review:** ☒**SURFACE:** 1400 FNL 1197 FEL**Engineering Review:** ☐**BOTTOM:** 1337 FNL 0680 FEL**Geology Review:** ☒**COUNTY:** CARBON**LATITUDE:** 39.76272**LONGITUDE:** -110.21726**UTM SURF EASTINGS:** 567047.00**NORTHINGS:** 4401506.00**FIELD NAME:** NINE MILE CANYON**LEASE TYPE:** 1 - Federal**LEASE NUMBER:** UTU11604**PROPOSED PRODUCING FORMATION(S):** WASATCH-MESA VERDE**SURFACE OWNER:** 1 - Federal**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:**☒ **PLAT**☒ **Bond:** FEDERAL - WYB000040☐ **Potash**☐ **Oil Shale 190-5**☐ **Oil Shale 190-3**☐ **Oil Shale 190-13**☒ **Water Permit:** NINE MILE CANYON☐ **RDCC Review:**☐ **Fee Surface Agreement**☐ **Intent to Commingle****Commingle Approved****LOCATION AND SITING:**☐ **R649-2-3.****Unit:** PRICKLY PEAR☐ **R649-3-2. General**☐ **R649-3-3. Exception**☒ **Drilling Unit****Board Cause No:** Cause 256-01**Effective Date:** 12/16/2004**Siting:** 460' Fr U Bdry and Uncommitted Tracts☒ **R649-3-11. Directional Drill****Comments:** Presite Completed  
APD IS IN UPOD:**Stipulations:** 4 - Federal Approval - dmason  
15 - Directional - dmason**RECEIVED:** May. 17, 2011



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** Prickly Pear UF 8A-22D-12-15

**API Well Number:** 43007501750000

**Lease Number:** UTU11604

**Surface Owner:** FEDERAL

**Approval Date:** 5/17/2011

**Issued to:**

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

**Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 256-01. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

**General:**

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

**Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU11604
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PRICKLY PEAR UF 8A-22D-12-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1400 FNL 1197 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 22 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007501750000
<b>PHONE NUMBER:</b> 303 312-8164 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/4/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px; vertical-align: middle;"></span>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  

In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, Completion Into Two or More Pools, BBC is submitting this sundry to request commingling approval for the Wasatch and Mesaverde formations. Gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letter and affidavit of notice is attached. As per Marvin Hendrickson with the Price BLM, federal authority of this action is not necessary.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**

**Date:** 07/05/2011  
**By:**

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/13/2011	





AFFIDAVIT

My name is Vicki L. Wambolt and I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde formations in the Prickly Pear Unit Federal 1A-22D-12-15, 2A-22D-12-15, 6A-22D-2-15, 7A-22D-12-15, 8A-22D-12-15 & 14B-15D-12-15 wells drilled from a pad located in the SENE of Section 22, Township 12 South, Range 15 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

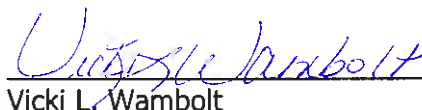
State of Utah, acting by and through the School  
and Institutional Trust Lands Administration  
675 East 500 South, Suite 500  
Salt Lake City, UT 84102

Bureau of Land Management  
Price Field Office  
125 South 600 West  
Price, Utah 84501

XTO Energy, Inc.  
810 Houston St.  
Fort Worth, TX 76102-6298

Date: May 31, 2011

Affiant



Vicki L. Wambolt

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

Jun. 13, 2011



May 31, 2011

Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
Salt Lake City, UT 84116  
Attention: Dustin Doucet

RE: Sundry Notices  
Prickly Pear Unit  
SENE 22 T12S R15E  
Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 1A-22D-12-15, 2A-22D-12-15, 6A-22D-2-15, 7A-22D-12-15, 8A-22D-12-15 & 14B-15D-12-15 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513 or [vwambolt@billbarrettcorp.com](mailto:vwambolt@billbarrettcorp.com).

BILL BARRETT CORPORATION



Vicki L. Wambolt  
Landman

Enclosures

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

Jun. 13, 2011



**Bill Barrett Corporation**

May 31, 2011

Bureau of Land Management  
Price Field Office  
125 South 600 West  
Price, UT 84501  
Attention: Marvin Hendricks

*Sent via Certified Mail*

RE: Sundry Notices  
Prickly Pear Unit  
SENE 22 T12S R15E  
Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 1A-22D-12-15, 2A-22D-12-15, 6A-22D-2-15, 7A-22D-12-15, 8A-22D-12-15 & 14B-15D-12-15 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513 or [vwambolt@billbarrettcorp.com](mailto:vwambolt@billbarrettcorp.com).

BILL BARRETT CORPORATION

Vicki L. Wambolt  
Landman

Enclosures

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

Jun. 13, 2011



May 31, 2011

State of Utah  
School and Institutional Trust Lands Administration  
675 East 500 South, Suite 500  
Salt Lake City, UT 84102  
Attention: LaVonne Garrison

*Sent via Certified Mail*

RE: Sundry Notices  
Prickly Pear Unit  
SENE 22 T12S R15E  
Carbon Co., UT

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DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

Jun. 13, 2011





**Bill Barrett Corporation**

May 31, 2011

XTO Energy, Inc.  
810 Houston St.  
Fort Worth, TX 76102-6298  
Attention: Rebecca Boomer

*Sent via Certified Mail*

RE: Sundry Notices  
Prickly Pear Unit  
SENE 22 T12S R15E  
Carbon Co., UT

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DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

Jun. 13, 2011


# Prickly Pear Unit

## T12S-R15E


**Bill Barrett Corporation**

**Uinta Basin**

**West Tavaputs Plateau**



0 4,642  
FEET

**WELL SYMBOLS**

- Abandoned GAS Well
- Active Drilling Well
- Dry hole
- ENGINEERING WELLS
- Gas Well
- Location
- Plugged and Abandoned
- Salt Water Disposal
- Waiting on Completion

By: LH

RECEIVED Jun. 13, 2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU11604
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PRICKLY PEAR UF 8A-22D-12-15
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1400 FNL 1197 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 22 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007501750000
<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON		<b>COUNTY:</b> CARBON
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/13/2011			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

This sundry is to report that this well was spud on 8/13/2011 at 1:30 pm by Triple A Drilling.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/18/2011	

## DIVISION OF OIL, GAS AND MINING

### ***SPUDDING INFORMATION***

Name of Company: BILL BARRETT CORPORATION

Well Name: PRICKLY PEAR UF 8A-22D-12-15

Api No: 43-007-50175 Lease Type FEDERAL

Section 22 Township 12S Range 15E County CARBON

Drilling Contractor TRIPLE A DRILLING RIG #

### **SPUDDED:**

Date 08/09/2011

Time PM

How DRY

***Drilling will Commence:***

Reported by BRADY RILEY

Telephone # (435) 282-4682 DANNY HARRIS

Date 08/09 /2011 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

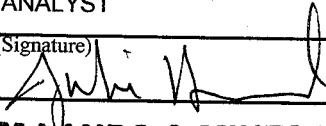
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU11604
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator BILL BARRETT CORPORATION Contact: BRADY RILEY E-Mail: briley@billbarrettcorp.com		7. If Unit or CA Agreement, Name and No. UTU79487H
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202		8. Lease Name and Well No. PRICKLY PEAR UNIT FEDERAL 8A-22D- 12-
3b. Phone No. (include area code) Ph: 303.312.8115 Fx: 303.291.0420		9. API Well No. Y3-007-50175
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENE 1400FNL 1197FEL At proposed prod. zone SENE 1337FNL 680FEL		10. Field and Pool, or Exploratory PRICKLY PEAR
14. Distance in miles and direction from nearest town or post office* 47.5 MILES FROM MYTON, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 22 T12S R15E Mer SLB SME: BLM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1337' LEASE; 5280'+ UNIT	16. No. of Acres in Lease	12. County or Parish CARBON
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1407' COMPLETED; 624' LEASE	19. Proposed Depth 7772 MD 7733 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 7269 GL	22. Approximate date work will start 08/05/2011	17. Spacing Unit dedicated to this well 20.00
		20. BLM/BIA Bond No. on file WYB000040
		23. Estimated duration 25

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) BRADY RILEY Ph: 303.312.8115	Date 05/13/2011
Title PERMIT ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Julie Howard	Date 7-29-11
Title AFM LANDS & MINERALS	Office PRICE FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

Additional Operator Remarks (see next page)

Electronic Submission #108300 verified by the BLM Well Information System  
For BILL BARRETT CORPORATION, sent to the Price  
Committed to AFMSS for processing by ANITA JONES on 05/17/2011 (11AIJ0493AE)

AUG 09 2011

DIV. OF OIL, GAS & MINING

NOTICE OF  
APPROVAL

CONDITIONS OF APPROVAL ATTACHED

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

11NOGM





UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
PRICE FIELD OFFICE

125 SOUTH 600 WEST PRICE, UT 84501 (435) 636-3600



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Bill Barrett Corporation Surface Location: SENE-Sec 22-T12S-R15E  
Well No: Prickly Pear Unit Federal 8A-22D-12-15 Lease No: UTU-11604  
API No: 43-007-50175 Agreement: UTU-79487H

Title	Name	Office Phone Number	Cell Phone Number
Associate Field Manager & Authorized Officer:	Julie Howard	(435) 636-3637	
Petroleum Engineer:	Marvin Hendricks	(435) 636-3661	(435) 650-9136
Petroleum Engineering Technician	Sue Wiler	(435) 636-3651	(435) 650-9140
Petroleum Engineering Technician	Angela Wadman	(435) 636-3662	
NRS/Enviro Scientist:	Don Stephens (Primary)	(435) 636-3608	
NRS/Enviro Scientist:	Kyle Beagley (Alt.)	(435) 636-3668	

Fax: (435) 636-3657

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

RECEIVED  
AUG 09 2011  
DIV. OF OIL, GAS & MINING

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Petroleum Eng. Technician)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Eng. Technician)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

**DRILLING PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DRILLING & PRODUCTION COAs**

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- When cementing surface casing, if cement returns are not seen at surface, mitigation measures shall be taken to ensure the groundwater and all usable waters are properly protected per Onshore Order #2 Part III.B.1(c) Casing and Cementing Requirements. Cementing jobs where cement reaches surface, then falls back downhole, shall be topped off as necessary until such time the cement remains in-place at surface, prior to starting drilling operations on the production hole.
- When cementing the production casing, the cement job shall contain sufficient volume to attempt full coverage of exposed hole behind pipe to protect all usable waters, loss circulation zones and other minerals which may be encountered while drilling to total depth, and also provide a 200' foot overlap above the surface casing shoe. A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.

**VARIANCES GRANTED**

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice Meter to use a flow conditioner on this well instead of straightening vanes is approved with the following conditions:
  1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
  2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
  3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

## **STANDARD OPERATING REQUIREMENTS**

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.
- The Price Field Office petroleum engineer will be notified 24 hours prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H<sub>2</sub>S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The closing unit controls shall remain unobstructed and readily accessible at all times, and choke manifolds shall be located outside of the rig substructure. BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office. A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.

### **STANDARD OPERATING REQUIREMENTS (cont.)**

- Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.
- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging of the well (unless the plugging is to take place immediately upon receipt of oral approval), so that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

**SURFACE USE  
CONDITIONS OF APPROVAL**

Project Name: BBC Prickly Pear NE 22 Pad

Operator: Bill Barrett Corporation

**List of Wells:**

Name	Number	Section	TWP/RNG
Prickly Pear Unit Federal	1A-22D-12-15	22	12S/15E
Prickly Pear Unit Federal	2A-22D-12-15		
Prickly Pear Unit Federal	6A-22D-12-15		
Prickly Pear Unit Federal	7A-22D-12-15		
Prickly Pear Unit Federal	8A-22D-12-15		
Prickly Pear Unit Federal	14B-15D-12-15		

**I To be followed as Conditions of Approval:**

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

**II Site Specific Conditions of Approval**

1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact Don Stephens with the Price BLM Field Office @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
2. BBC shall mulch trees as appropriate to increase the potential for reclamation success in planned surface disturbance areas. Mulching will be used to avoid the accumulation of large debris piles when clearing trees in these areas. Mulch shall not exceed 4 inches in depth when spread out for interim or final reclamation.
3. As many trees as possible shall be left to provide a buffer between the well pad and the canyon rim for visual screening.
4. The cuttings trench shall be lined.



5. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
6. The operator shall follow the attached Upper Colorado River Recovery Program guidance.
7. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.
8. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
9. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.

### **III Standard Conditions of Approval**

#### **A. General**

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

#### **B. Construction**

1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Where excess topsoil exists it will be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
3. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

### **C. Operations/Maintenance**

1. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

### **D. Dry Hole/Reclamation**

1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
2. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
4. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

### **E. Producing Well**

1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
2. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

### **F. Roads and Pipelines**

1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide graveled travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
2. The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
PRICE FIELD OFFICE



125 SOUTH 600 WEST      PRICE, UT 84501      (435) 636-3600

**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Bill Barrett Corporation      Surface Location: SENE-Sec 22-T12S-R15E  
Well No: Prickly Pear Unit Federal 8A-22D-12-15      Lease No: UTU-11604  
API No: 43-007-50175      Agreement: UTU-79487H

Title	Name	Office Phone Number	Cell Phone Number
Associate Field Manager & Authorized Officer:	Julie Howard	(435) 636-3637	
Petroleum Engineer:	Marvin Hendricks	(435) 636-3661	(435) 650-9136
Petroleum Engineering Technician	Sue Wiler	(435) 636-3651	(435) 650-9140
Petroleum Engineering Technician	Angela Wadman	(435) 636-3662	
NRS/Enviro Scientist:	Don Stephens (Primary)	(435) 636-3608	
NRS/Enviro Scientist:	Kyle Beagley (Alt.)	(435) 636-3668	

Fax: (435) 636-3657

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

**UDOGM**

**DRILLING PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DRILLING & PRODUCTION COAs**

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- When cementing surface casing, if cement returns are not seen at surface, mitigation measures shall be taken to ensure the groundwater and all usable waters are properly protected per Onshore Order #2 Part III.B.1(c) Casing and Cementing Requirements. Cementing jobs where cement reaches surface, then falls back downhole, shall be topped off as necessary until such time the cement remains in-place at surface, prior to starting drilling operations on the production hole.
- When cementing the production casing, the cement job shall contain sufficient volume to attempt full coverage of exposed hole behind pipe to protect all usable waters, loss circulation zones and other minerals which may be encountered while drilling to total depth, and also provide a 200' foot overlap above the surface casing shoe. A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.

**VARIANCES GRANTED**

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice Meter to use a flow conditioner on this well instead of straightening vanes is approved with the following conditions:
  1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
  2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
  3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

## **STANDARD OPERATING REQUIREMENTS**

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.
- The Price Field Office petroleum engineer will be notified 24 hours prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H<sub>2</sub>S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The closing unit controls shall remain unobstructed and readily accessible at all times, and choke manifolds shall be located outside of the rig substructure. BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office. A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.



**STANDARD OPERATING REQUIREMENTS (cont.)**

- Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.
- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging of the well (unless the plugging is to take place immediately upon receipt of oral approval), so that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

**SURFACE USE  
CONDITIONS OF APPROVAL**

Project Name: BBC Prickly Pear NE 22 Pad

Operator: Bill Barrett Corporation

**List of Wells:**

Name	Number	Section	TWP/RNG
Prickly Pear Unit Federal	1A-22D-12-15	22	12S/15E
Prickly Pear Unit Federal	2A-22D-12-15		
Prickly Pear Unit Federal	6A-22D-12-15		
Prickly Pear Unit Federal	7A-22D-12-15		
Prickly Pear Unit Federal	8A-22D-12-15		
Prickly Pear Unit Federal	14B-15D-12-15		

**I To be followed as Conditions of Approval:**

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

**II Site Specific Conditions of Approval**

1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact Don Stephens with the Price BLM Field Office @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
2. BBC shall mulch trees as appropriate to increase the potential for reclamation success in planned surface disturbance areas. Mulching will be used to avoid the accumulation of large debris piles when clearing trees in these areas. Mulch shall not exceed 4 inches in depth when spread out for interim or final reclamation.
3. As many trees as possible shall be left to provide a buffer between the well pad and the canyon rim for visual screening.
4. The cuttings trench shall be lined.

5. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
6. The operator shall follow the attached Upper Colorado River Recovery Program guidance.
7. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.
8. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
9. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.

### **III Standard Conditions of Approval**

#### **A. General**

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

#### **B. Construction**

1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Where excess topsoil exists it will be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
3. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

### **C. Operations/Maintenance**

1. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

### **D. Dry Hole/Reclamation**

1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
2. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
4. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

### **E. Producing Well**

1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
2. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

### **F. Roads and Pipelines**

1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide graveled travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
2. The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

**Carol Daniels - Prickly Pear 8A-22D surface spud**

*T12S R15E S22 43-007-50175  
Prickly Pear 4F 8A-22D-12-15*

**From:** Jody South  
**To:** Angela Wadman , Carol Daniels , Dennis Ingram , Marvin , Wiler  
**Date:** 8/23/2011 8:33 AM  
**Subject:** Prickly Pear 8A-22D surface spud  
**CC:** Brady Riley , Doug Sproul , Tracey Fallang

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This morning at approx. 11:00am Bill Barrett Corp. will use the Pro Petro No. 5 air rig to spud surface on the Prickly Pear 8A-22D-12-15, API# 43-007-50175, then run casing and cement casing at approx. 3:00am tomorrow morning.

Jody South

**RECEIVED**

**AUG 23 2011**

**DIV. OF OIL, GAS & MINING**



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Bill Barrett Corporation Operator Account Number: N 2165  
Address: 1099 18th Street, Suite 2300  
city Denver  
state CO zip 80202 Phone Number: (303) 312-8115

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300750175	Prickly Pear Unit Federal 8A22D-12-15		SENE	22	12S	15E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>KB</u>	<u>99999</u>	<u>14794</u>	<u>8/13/2011</u>		<u>8/29/11</u>		
<b>Comments:</b> This well was spud by Triple A Drilling at 1:30 PM <u>WSMVD</u> <u>BHL = SENE</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300750172	Prickly Pear Unit Federal 2A-22D-12-15		SENE	22	12S	15E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>KB</u>	<u>99999</u>	<u>14794</u>	<u>8/13/2011</u>		<u>8/29/11</u>		
<b>Comments:</b> This well was spud by Triple A Drilling at 7:30 am <u>WSMVD</u> <u>BHL = N W N E</u>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300750171	Prickly Pear Unit Federal 1A-22D-12-15		SENE	22	12S	15E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>KB</u>	<u>99999</u>	<u>14794</u>	<u>8/12/2011</u>		<u>8/29/11</u>		
<b>Comments:</b> This well was spud by Triple A Drilling at 1:30 pm <u>WSMVD</u> <u>BHL = N E N E</u>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

**RECEIVED**

**AUG 18 2011**

DIV. OF OIL, GAS & MINING

Brady Riley

**Brady Riley**

Digitally signed by Brady Riley  
DN: cn=Brady Riley, o=Bill Barrett Corp, ou=Permit  
Analyst, email=briley@billbarrettcorp.com, c=US  
Date: 2011.05.24 08:00:07 -0600

Signature

Permit Analyst

Title

8/18/2011

Date

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU11604
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PRICKLY PEAR UF 8A-22D-12-15
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1400 FNL 1197 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 22 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007501750000
<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON		<b>COUNTY:</b> CARBON
<b>STATE:</b> UTAH		
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/31/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  August 2011 Monthly Drilling Activity Report: well spud.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/6/2011	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU11604			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  			
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR			
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PRICKLY PEAR UF 8A-22D-12-15			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1400 FNL 1197 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 22 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007501750000			
<b>PHONE NUMBER:</b> 303 312-8164 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON			
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width:100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <span style="border: 1px solid black; padding: 0 5px;">production measureme</span> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 0 5px;">production measureme</span>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 0 5px;">production measureme</span>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  This sundry is being submitted to further clarify testing procedures discussed and verbally approved by the BLM as well as final equipment installations for wells on Prickly Pear NE 22 pad (SEE ATTACHED). Please contact Brady Riley with questions at 303-312-8115.					
<b>Accepted by the          Utah Division of          Oil, Gas and Mining</b>  <b>Date:</b> 09/28/2011 <b>By:</b>					
<b>NAME (PLEASE PRINT)</b> Brady Riley		<b>PHONE NUMBER</b> 303 312-8115			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permit Analyst			
<b>DATE</b> 9/15/2011					



Prickly Pear

12S/14E

12S/15E

13S/15E

## Legend

- Bottom Hole Locations
- Pads
- Access Road
- Pipeline
- ▭ Prickly Pear Fed Unit
- ▭ Approved PA
- ▭ Lease Boundaries



**Bill Barrett Corporation**

NE 22 Pad & NW20 Pad  
NE, Section 22, & the NW Section 20  
T12S R15E  
Carbon County, Utah



**General Well Testing**

Initial testing of wells would occur within 15 days of first sales and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, testing would occur within 90 days thereafter, testing each well for approximately 3 days and rotating through the wells without any downtime between tests.

As both Prickly Pear and Peter's Point have participating areas (PA) and wells drilled from each pad could include both PA and non-PA wells, specific procedures are implemented for these situations. PA and non-PA will always be measured separately and production would not be combined together within the same tanks. All wells drilled are within units. These procedures are as follows:

- 1) Isolate the PA test tank(s);
- 2) Transfer any remaining liquids from the test tank(s) to the PA production tank(s);
- 3) Strap the starting fluid levels in the test tank(s);
- 4) Note date and time of beginning test, document and record in eVIN;
- 5) Flow test well into test tank(s) for pre-determined period, not to be less than a 24 hour period;
- 6) Isolate the test tank(s), divert the test well's production to the in PA production tank(s);
- 7) Strap the ending fluid levels in the test tank(s);
- 8) Record and document the length of test time, amount of oil produced, amount of water produced and amount of gas produced (through wellhead meter) for the test period into eVIN;
- 9) Procedures for non-PA would be same steps as 1-8.

Details specific to the [Prickly Pear NW 20 pad](#) are as follows:

Well Name Prickly Pear Unit Fed	API 43-007-	Drill Phase	Lease UTU-	PA Boundary	Facilities (NW 20 pad)
#3A-20D-12-15	50099	1	73669	Out	1) Four wells proposed on this pad are within the PA, eight are outside the PA but within the Unit; 2) Liquids trucked to a central tank battery (CTB) on the existing Prickly Pear 3-22 pad/CTB location. 3) One 12" inch buried gas line to the main tie-in was laid 4) Up to thirteen 625-bbl and 400-bbl tanks would be located on the CTB, one blowdown tank, and eight low-profile 300 bbl tank may be located on the CTB pad.
#13A-17D-12-15	50108	1	73668	In	
#4A-20D-12-15	50101	1	73669	Out	
#3-20D-12-15	50098	1	73669	Out	
#11A-20D-12-15	50106	1	73669	In	
#6-20D-12-15	50104	1	73669	Out	
#12-20D-12-15	50139	1	73669	In	
#6A-20D-12-15	50105	1	73669	Out	
#4-20D-12-15	50100	1	73669	Out	
#5A-20D-12-15	50103	1	73669	Out	
#5-20D-12-15	50102	1	73669	Out	
#12A-20D-12-15	50107	1	73669	In	



Details specific to the **Prickly Pear NE 22 pad** are as follows:

Well Name Prickly Pear Unit Fed	API	Drill Phase	Lease UTU-	PA Boundary	Facilities (NE 22 pad)
6A-22D-12-15	4300750173	1	11604	In	1) All wells proposed on this pad are within the PA; 2) Liquids to be piped to a central tank battery (CTB) on the existing Prickly Pear 3-22 pad/CTB location. Two buried lines were laid from the pad to the CTB, one 6" inch PA and one 2" test line PA. Liquids to be combined with existing PA production from the eight 3-22 pad wells and other future pad production (NE 22, SE 15, etc.). PA and non-PA production would be kept separate; 3) One 12" inch buried gas line to the main tie-in was laid (adjacent to the existing line). 4) Up to 13 625-bbl and 400-bbl tanks would be located on the CTB and one low-profile 300 bbl tank may be located on the pad.
7A-22D-12-15	4300750174	1	11604	In	
14B-15D-12-15	4300750176	1	65773	In	
2-22D-12-15	4300750077	1	11604	In	
2A-22D-12-15	4300750172	1	11604	In	
1A-22D-12-15	4300750171	1	11604	In	
1-22D-12-15	4300750076	1	11604	In	
8-22D-12-15	4300750078	1	11604	In	
8A-22D-12-15	4300750175	1	11604	In	

Already approved

*TIRES RISES-22 43-007-50175*

**From:** Naborsm22 <naborsm22@bbccontractors.com>  
**To:** "awadman@blm.gov" <awadman@blm.gov>, "swiler@blm.gov" <swiler@blm.gov>,  
...  
**Date:** 9/23/2011 9:57 AM  
**Subject:** CSG & CEMENT

**CC:** "mhendric@blm.gov" <mhendric@blm.gov>, Brady Riley <briley@billbarrettco...  
ON NABORS M22 FOR BILL BARRETT CORP PRICKLY PEAR UF 8A-22D-12-15  
API#43-007-50175 WE WILL BE RUNNING CSG AROUND 0600 HRS 9/24/11  
AND CEMENTING AROUND 1400 HRS 9/24/11 PLEASE CALL WITH ANY QUESTIONS  
OR CONCERNS

BILL BARRETT CORP  
NABORS M22  
303-353-5350

**RECEIVED**

**SEP 23 2011**

**DIV. OF OIL, GAS & MINING**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU11604
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PRICKLY PEAR UF 8A-22D-12-15
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1400 FNL 1197 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 22 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007501750000
<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON		<b>COUNTY:</b> CARBON
<b>STATE:</b> UTAH		
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/30/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Attached is the September 2011 monthly drilling activity report.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/5/2011	

**Prickly Pear Fed. #8A-22D-12-15 9/18/2011 06:00 - 9/19/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	1	RIGUP & TEARDOWN	RIGGING UP WITH CREWS, RIGGING UP WINTERIZING, NIPPLING STACK UP, HARD BANDING DP

**Prickly Pear Fed. #8A-22D-12-15 9/19/2011 06:00 - 9/20/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	1	RIGUP & TEARDOWN	FINISH RIGGING UP BOPS AND FLOWLINE, ACCUMULATOR LINES, FINISH HARBANDING D.P. AND HWDP...
16:00	2.00	18:00	14	NIPPLE UP B.O.P	NIPPLE UP STACK
18:00	2.50	20:30	6	TRIPS	PICK UP DRILL PIPE
20:30	6.00	02:30	15	TEST B.O.P	PRESSURE TEST BOPS... TEST ANNULAR, BLINDS, PIPES, INNER AND OUTER BOPS VALVES, CHOKE, AND SURFACE CASING...
02:30	3.50	06:00	6	TRIPS	FINISH PICKING UP DRILL PIPE...

**Prickly Pear Fed. #8A-22D-12-15 9/20/2011 06:00 - 9/21/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	6	TRIPS	P/U 45 STANDS DP
13:30	1.00	14:30	20	DIRECTIONAL WORK	P/U MOTOT M/U BIT - P/U MONELS - LOAD MWD TOOL
14:30	1.50	16:00	6	TRIPS	P/U 30 JOINTS HWDP
16:00	3.00	19:00	2	DRILL ACTUAL	DRILLING CEMENT @ 922' PLUG @ 993' SHOE @ 1038'
19:00	11.00	06:00	2	DRILL ACTUAL	W/ 558 GPM 45 RPM & 21K WT ON BIT

**Prickly Pear Fed. #8A-22D-12-15 9/21/2011 06:00 - 9/22/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	2	DRILL ACTUAL	W/ 558 GMP 45 RPM & 24K WT ON BIT
15:00	0.50	15:30	7	LUBRICATE RIG	RIG SERVICE
15:30	10.00	01:30	2	DRILL ACTUAL	W/ 558 GPM 42 RPM & 28K WT ON BIT
01:30	1.00	02:30	5	COND MUD & CIRC	CIRC - PUMP HIGH VIS SWEEP
02:30	3.50	06:00	6	TRIPS	T.O.O.H. F/6014 T/3600'

**Prickly Pear Fed. #8A-22D-12-15 9/22/2011 06:00 - 9/23/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	T.O.O.H.
08:30	0.50	09:00	20	DIRECTIONAL WORK	CHECK MWD TOOL - BREAK BIT - M/U NEW BIT
09:00	0.50	09:30	6	TRIPS	T.I.H. F/0' T/1021'
09:30	3.00	12:30	6	TRIPS	P/U 90 JOINTS 4.5" DP
12:30	1.00	13:30	8	REPAIR RIG	T.O.O.H. DUE TO WASHED JOINT BEING PICKED UP
13:30	2.00	15:30	6	TRIPS	T.I.H. F/3584' T/6014'
15:30	14.50	06:00	2	DRILL ACTUAL	W/ 558 GPM 42 RPM & 22K WT OB BIT

**Prickly Pear Fed. #8A-22D-12-15 9/23/2011 06:00 - 9/24/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	W/ 558 GPM 45 RPM & 26K WT ON BIT
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
18:00	2.00	20:00	2	DRILL ACTUAL	W/ 558 GPM 45 RPM & 27K WT ON BIT
20:00	1.00	21:00	5	COND MUD & CIRC	CIRC PUMP HIGH VIS SWEEP
21:00	2.00	23:00	6	TRIPS	15 STAND WIPER TRIP
23:00	1.00	00:00	5	COND MUD & CIRC	CIRC PUMP TWO HIGH VIS SWEEPS
00:00	4.50	04:30	6	TRIPS	T.O.O.H. F/7565' T/0'
04:30	1.00	05:30	20	DIRECTIONAL WORK	L/D MWD TOOL - L/D GAP SUB - BREAK BIT - L/D MUD MOTOR
05:30	0.50	06:00	11	WIRELINE LOGS	R/U LOGGERS

**Prickly Pear Fed. #8A-22D-12-15 9/24/2011 06:00 - 9/25/2011 00:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.50	10:30	11	WIRELINE LOGS	RUN LOGS - LOGGERS DEPTH= 7561' - R/D LOGGERS
10:30	0.50	11:00	21	OPEN	PULL WEAR BUSHING
11:00	7.00	18:00	12	RUN CASING & CEMENT	R/U CSG CREW & RUN 186 JOINTS 4.5" 11.6# P-110 CSG WITH 2 MARKER JOINTS 69 TURBOLIZERS - CSG SET @ 7551'
18:00	1.50	19:30	5	COND MUD & CIRC	CIRC - COND MUD FOR CEMENT
19:30	3.00	22:30	12	RUN CASING & CEMENT	S/M - R/U CEMENTERS TEST LINES @ 5000 PSI, PUMP 10 BBLS WATER SPACER, 40 BBLS SUPER FLUSH, 10 BBLS WATER SPACER, PUMP 173 BBLS 510 SKS LEAD CEMENT @ 12.5 PPG 1.91 YIELD 10.31 GAL/SK, 278 BBLS 1070 SKS 13.4 PPG 1.46 YIELD MIXED @ 6.92 GAL/SK - SHUT DOWN FLUSH LINES & DROP PLUG, DISPLACE WITH 116.4 BBLS CLAYWEB WATER BUMP PLUG WITH 2100 PSI PRESSURE UP 500 PSI OVER TO 2600 PSI - RELEASE PRESSURE FLOATS HELD - FULL RETURNS DURING CEMENT JOB - 30 BBLS CEMENT TO SURFACE
22:30	1.00	23:30	14	NIPPLE DOWN B.O.P	FLUSH BOP - NIPPLE DOWN BOP
23:30	0.50	00:00	21	OPEN	SET SLIPS @ 105K - CUT OFF CSG - RIG RELEASED @ 0000 HRS

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU11604
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PRICKLY PEAR UF 8A-22D-12-15
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1400 FNL 1197 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 22 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007501750000
<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON		<b>COUNTY:</b> CARBON
<b>STATE:</b> UTAH		
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/31/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
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	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  No October 2011 monthly drilling activity to report.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/4/2011	



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU11604
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PRICKLY PEAR UF 8A-22D-12-15
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1400 FNL 1197 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 22 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007501750000
<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON		<b>COUNTY:</b> CARBON
<b>STATE:</b> UTAH		
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/31/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  No October 2011 monthly drilling activity to report.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/4/2011	

<div>STATE OF UTAH</div> <div>DEPARTMENT OF NATURAL RESOURCES</div> <div>DIVISION OF OIL, GAS, AND MINING</div>		<div>FORM 9</div>	
<div>SUNDRY NOTICES AND REPORTS ON WELLS</div> <div>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</div>		<div>5.LEASE DESIGNATION AND SERIAL NUMBER:</div> <div>UTU11604</div>	
<div>1. TYPE OF WELL</div> <div>Gas Well</div>		<div>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</div>	
<div>2. NAME OF OPERATOR:</div> <div>BILL BARRETT CORP</div>		<div>7.UNIT or CA AGREEMENT NAME:</div> <div>PRICKLY PEAR</div>	
<div>3. ADDRESS OF OPERATOR:</div> <div>1099 18th Street Ste 2300 , Denver, CO, 80202</div>		<div>8. WELL NAME and NUMBER:</div> <div>PRICKLY PEAR UF 8A-22D-12-15</div>	
<div>4. LOCATION OF WELL</div> <div>FOOTAGES AT SURFACE:</div> <div>1400 FNL 1197 FEL</div> <div>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</div> <div>Qtr/Qtr: SENE Section: 22 Township: 12.0S Range: 15.0E Meridian: S</div>		<div>9. API NUMBER:</div> <div>43007501750000</div>	
		<div>9. FIELD and POOL or WILDCAT:</div> <div>NINE MILE CANYON</div>	
		<div>COUNTY:</div> <div>CARBON</div>	
		<div>STATE:</div> <div>UTAH</div>	
<div>11.</div> <div>CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</div>			
<div>TYPE OF SUBMISSION</div>		<div>TYPE OF ACTION</div>	
<div><input type="checkbox"/> NOTICE OF INTENT</div> <div>Approximate date work will start:</div>		<div><input type="checkbox"/> ACIDIZE</div>	
<div><input checked="" type="checkbox"/> SUBSEQUENT REPORT</div> <div>Date of Work Completion:</div> <div>11/29/2011</div>		<div><input type="checkbox"/> ALTER CASING</div>	
<div><input type="checkbox"/> SPUD REPORT</div> <div>Date of Spud:</div>		<div><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div>	
<div><input type="checkbox"/> DRILLING REPORT</div> <div>Report Date:</div>		<div><input type="checkbox"/> CHANGE TUBING</div>	
		<div><input type="checkbox"/> CHANGE WELL STATUS</div>	
		<div><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div>	
		<div><input type="checkbox"/> DEEPEN</div>	
		<div><input type="checkbox"/> FRACTURE TREAT</div>	
		<div><input type="checkbox"/> OPERATOR CHANGE</div>	
		<div><input type="checkbox"/> PLUG AND ABANDON</div>	
		<div><input checked="" type="checkbox"/> PRODUCTION START OR RESUME</div>	
		<div><input type="checkbox"/> RECLAMATION OF WELL SITE</div>	
		<div><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div>	
		<div><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div>	
		<div><input type="checkbox"/> TUBING REPAIR</div>	
		<div><input type="checkbox"/> VENT OR FLARE</div>	
		<div><input type="checkbox"/> WATER SHUTOFF</div>	
		<div><input type="checkbox"/> SI TA STATUS EXTENSION</div>	
		<div><input type="checkbox"/> WILDCAT WELL DETERMINATION</div>	
		<div><input type="checkbox"/> OTHER</div>	
		<div>OTHER: <input type="text"/></div>	
<div>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</div> <div>This sundry it to report that this well had first sales on 11/29/2011.</div>			
<div>NAME (PLEASE PRINT)</div> <div>Brady Riley</div>		<div>PHONE NUMBER</div> <div>303 312-8115</div>	
<div>SIGNATURE</div> <div>N/A</div>		<div>TITLE</div> <div>Permit Analyst</div>	
		<div>DATE</div> <div>11/30/2011</div>	

Sundry Number: 20755 API Well Number: 43007501750000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU11604
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PRICKLY PEAR UF 8A-22D-12-15
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1400 FNL 1197 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 22 Township: 12.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43007501750000
<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON		<b>COUNTY:</b> CARBON
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 11/30/2011			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  
 November 2011 Monthly Drilling Activity report attached.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/5/2011	


**Prickly Pear Fed. #8A-22D-12-15 11/13/2011 06:00 - 11/14/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	SMTG	Safety Meeting	Safety meeting
06:30	2.00	08:30	LOGG	Logging	Run GR/ JB and perform CBL w/ 1000 psi on csg
08:30	21.50	06:00			WSI will secure

**Prickly Pear Fed. #8A-22D-12-15 11/18/2011 06:00 - 11/19/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	SMTG	Safety Meeting	Safety meeting
06:30	1.50	08:00	IWHD	Install Wellhead	Install frac head and test to 9000 psi and test casing to 8500 held for 15 min held.
08:00	22.00	06:00	LOCL	Lock Wellhead & Secure	Well secure

**Prickly Pear Fed. #8A-22D-12-15 11/21/2011 06:00 - 11/22/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	WSI well secure
08:00	0.50	08:30	SMTG	Safety Meeting	Safety meeting
08:30	5.00	13:30	SRIG	Rig Up/Down	MIRU HES, Praxair, Linde and Cutters
13:30	1.00	14:30	WLWK	Wireline	Cutters EL stage 1 Price River. PU 8 ft. perf guns RIH correlate to short jt. run to perf depth check depth. Perforate @ 7376-7380, 7366-7368, 7356-7358, 3 SPF 120 phasing, 23 gram charge..350 holes. POOH turn well over to frac.
14:30	15.50	06:00			WSI SDFN

**Prickly Pear Fed. #8A-22D-12-15 11/22/2011 06:00 - 11/23/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	SMTG	Safety Meeting	Safety meeting
06:30	0.75	07:15	FRAC	Frac. Job	HES Pressure test iron. Frac stage 1 Price River 70Q foam frac. Load & Break @ 3703PSI @ 5 BPM. Avg Wellhead Rate: 29.5 BPM. Avg Slurry Rate: 11.7 BPM. Avg CO2 Rate: 16.1 BPM. Avg Pressure: 4785 PSI. Max Wellhead Rate: 30.4 BPM. Max Slurry Rate: 13.7 BPM. Max CO2 Rate: 20.1 BPM. Max Pressure: 5080 PSI. Total fluid Pumped; 15,409 Gal. Total Sand in Formation: 60,000 lb.20/40 White) Linde CO2 Downhole: 82 ton. CO2 Cooldown:5 ton. ISIP:2,941 PSI. Frac Gradient:0.84 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap
07:15	1.00	08:15	PFRT	Perforating	Cutters EL stage 2 Price River. PU HES CFP with 12 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 7220 ft. PU. Pressure up casing. Perforate @ 7143-7147, 7099-7101, 7088-7090. 3 SPF, 23 gram charge. 120 phasing, .350 holes. POOH turn well over to frac.
08:15	1.00	09:15	FRAC	Frac. Job	HES. Frac stage 2 Price River 70 Q foam frac. Load & Break @ 4308PSI @ 18.2 BPM. Avg Wellhead Rate: 29.3 BPM. Avg Slurry Rate: 11.7 BPM. Avg CO2 Rate: 16 BPM. Avg Pressure: 5174 PSI. Max Wellhead Rate: 30.5 BPM. Max Slurry Rate: 14.9 BPM. Max CO2 Rate: 20.3 BPM. Max Pressure: 5434 PSI. Total fluid Pumped; 17,119 Gal. Total Sand in Formation: 68,000 lb.20/40 White) Linde CO2 Downhole: 96 ton. CO2 Cooldown:5 ton. ISIP: 3,125 PSI. Frac Gradient:0.88 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap
09:15	1.00	10:15	PFRT	Perforating	Cutters EL stage 3 Dark Canyon. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 7010 ft. PU. Pressure up casing. Perforate @ 6959-6961, 6940-6942, 6930-6932, 6918-6920, 6890-6892. 3 SPF, 23 gram charge. 120 phasing, .350 holes. POOH turn well over to frac.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
10:15	1.50	11:45			HES. Frac stage 3 Dark Canyon 70 Q foam frac. Load & Break @ 5574 PSI @ 18 BPM. Avg Wellhead Rate: 38.8 BPM. Avg Slurry Rate: 16.1 BPM. Avg CO2 Rate: 20.6 BPM. Avg Pressure: 7185 PSI. Max Wellhead Rate: 40.9 BPM. Max Slurry Rate: 18.3 BPM. Max CO2 Rate: 25.8 BPM. Max Pressure: 7940 PSI. Total fluid Pumped; 27,213 Gal. Total Sand in Formation: 97,200 lb.20/40 White) Linde CO2 Downhole: 138 ton. CO2 Cooledown: 13 ton. ISIP: 3,957 PSI. Frac Gradient: 1.02 psi/ft.  Growler clutch went out in pad. Shut down for 25 mi, decided to rkun holding in the clutch. Cut sand in 4# due to pressure spike. Pumped 972 of designed 1100 sacks (88%)
11:45	18.25	06:00			WSI for 2 hr. open up and flow the 3 stages for weekend. Will repair equipment and start Sat.

**Prickly Pear Fed. #8A-22D-12-15 11/26/2011 06:00 - 11/27/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	SMTG	Safety Meeting	Safety meeting
06:30	2.50	09:00	PFRT	Perforating	RIh /W JB/ GR to 6820' did not tag anything  Cutters EL stage 4 Dark Canyon. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6800' ft. PU. Pressure up casing. Perforate @6959-6961, 6940-6942, 6930-6932, 6918-6920, 6890-6892. 3 SPF, 23 gram charge. 120 phasing, .350 holes. POOH turn well over to HES
09:00	2.50	11:30	FRAC	Frac. Job	Had trouble getting Gel pro started due to fuel filter problems  HES. Frac stage 4 Dark Canyon 70 Q foam frac. Load & Break @ 5162PSI @ 20.3 BPM. Avg Wellhead Rate: 38.6 BPM. Avg Slurry Rate: 15.6 BPM. Avg CO2 Rate: 21 BPM. Avg Pressure: 6269 PSI. Max Wellhead Rate: 40.2 BPM. Max Slurry Rate: 18.3 BPM. Max CO2 Rate: 24.1 BPM. Max Pressure: 6624 PSI. Total fluid Pumped; 29,266 Gal. Total Sand in Formation: 138,300 lb.20/40 White) Linde CO2 Downhole: 190 ton. CO2 Cooledown: 8 ton. ISIP: 3,505PSI. Frac Gradient: 0.96 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
11:30	1.50	13:00	PFRT	Perforating	Cutters EL stage 5 North Horn. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6650 ft. PU. Pressure up casing. Perforate @6600-6602, 6590-6592, 6442-6444, 6430-6432. 3 SPF, 23 gram charge. 120 phasing, .350 holes. POOH turn well over to HES
13:00	0.75	13:45	FRAC	Frac. Job	HES. Frac stage 5 North Horn 50 Q foam frac. Load & Break @ 4849 PSI @ 17.7 BPM. Avg Wellhead Rate: 34.6 BPM. Avg Slurry Rate: 19.1 BPM. Avg CO2 Rate: 13.8 BPM. Avg Pressure: 5801 PSI. Max Wellhead Rate: 36.7 BPM. Max Slurry Rate: 23 BPM. Max CO2 Rate: 22.2 BPM. Max Pressure: 6202 PSI. Total fluid Pumped; 26,187 Gal. Total Sand in Formation: 84,000 lb.20/40 White) Praxair CO2 Downhole: 91 ton. CO2 Cooledown: 6 ton. ISIP: 3,620 PSI. Frac Gradient: 1.00 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
13:45	1.50	15:15	PFRT	Perforating	Cutters EL stage 6 North Horn. PU HES CFP with 12 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6170 ft. PU. Pressure up casing. Perforate @6122-6124, 6099-6101, 6048-6050, 5989-5991, 5946-5948, 5932-5934, 3 SPF, 23 gram charge. 120 phasing, .350 holes. POOH turn well over to HES
15:15	1.50	16:45	FRAC	Frac. Job	HES. Frac stage 6 North Horn 50 Q foam frac. Load & Break @ 4000 PSI @ 18.1 BPM. Avg Wellhead Rate: 34.1 BPM. Avg Slurry Rate: 18.1 BPM. Avg CO2 Rate: 14.3 BPM. Avg Pressure: 5453 PSI. Max Wellhead Rate: 40.5 BPM. Max Slurry Rate: 20.9 BPM. Max CO2 Rate: 26.3 BPM. Max Pressure: 8252 PSI. Total fluid Pumped; 41,799 Gal. Total Sand in Formation: 151,300 lb.20/40 White) Praxair CO2 Downhole: 165 ton. CO2 Cooledown: 6 ton. ISIP: 8,097 PSI. Frac Gradient: 1.79 psi/ft.  Lost driveline to the fan on fluid pump, had to max out remaining 2 pumps and adjust CO2 rate to maintain quality. Screened out in 4 # sand could not get well flushed, left 126 sacks in wellbore . pumped 84% of designed, placed 77% in formation.
16:45	13.25	06:00	FBCK	Flowback Well	Flowback well to clean up sand from well bore SIW when clean.

**Prickly Pear Fed. #8A-22D-12-15 11/27/2011 06:00 - 11/28/2011 06:00**

API/UWI 43007501750000	State/Province	County	Field Name West Tavaputs	Well Status	Total Depth (ftKB) 7,565.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	SMTG	Safety Meeting	Safety meeting
06:30	2.00	08:30	PFRT	Perforating	RIH w/ GR/JB to 5760' did not tag anything.  Cutters EL stage 7 North Horn. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5740 ft. PU. Pressure up casing. Perforate @5684-5688, 5510-5512, 5500-5502 3 SPF, 23 gram charge. 120 phasing, .350 holes. POOH turn well over to HES
08:30	1.00	09:30	FRAC	Frac. Job	HES. Frac stage7 North Horn 50 Q foam frac. Load & Break @ 3131 PSI @ 18.5 BPM. Avg Wellhead Rate: 39.6 BPM. Avg Slurry Rate: 21.9 BPM. Avg CO2 Rate: 15.7 BPM. Avg Pressure: 4949 PSI. Max Wellhead Rate: 41.5 BPM. Max Slurry Rate: 26.3 BPM. Max CO2 Rate: 24.1 BPM. Max Pressure: 5691 PSI. Total fluid Pumped; 30,953 Gal. Total Sand in Formation: 104, 000lb.20/40 White) Linder CO2 Downhole: 106 ton. CO2 Cooldown: 7 ton. ISIP: 3,123 PSI. Frac Gradient: 1.00 psi/ft.Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
09:30	1.50	11:00	PFRT	Perforating	Cutters EL stage 8 North Horn. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5395 ft. PU. Pressure up casing. Perforate @5346-5350, 5154-5156,5130-5132, 3 SPF, 23 gram charge. 120 phasing, .350 holes. POOH turn well over to HES
11:00	0.75	11:45	FRAC	Frac. Job	HES. Frac stage 8 North Horn 50 Q foam frac. Load & Break @ 4120 PSI @ 18.3 BPM. Avg Wellhead Rate: 31.3 BPM. Avg Slurry Rate: 17.1 BPM. Avg CO2 Rate: 12.6 BPM. Avg Pressure: 4892 PSI. Max Wellhead Rate: 35.4 BPM. Max Slurry Rate: 21.8 BPM. Max CO2 Rate: 19.6 BPM. Max Pressure: 5394 PSI. Total fluid Pumped; 19,292 Gal. Total Sand in Formation:60,000 lb.20/40 White) Praxair CO2 Downhole: 64 ton. CO2 Cooldown: 6 ton. ISIP: 3,032 PSI. Frac Gradient: 1.02 psi/ft.Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.  Hae flowmeter problems on CO2 could not get below 10 bpm or it would shut down. had to make ajustments to rates.
11:45	18.25	06:00	FRAC	Frac. Job	WSI for 2 hrs then open up to Cathedral flowback equipment to open top then to flare to clean up Co2 on choke schedule.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		5. Lease Serial No. UTU11604
2. Name of Operator BILL BARRETT CORPORATION      Contact: MEGAN FINNEGAN E-Mail: mfinnegan@billbarrettcorp.com		6. If Indian, Allottee or Tribe Name
3. Address    1099 18TH STREET SUITE 2300 DENVER, CO 80202		7. Unit or CA Agreement Name and No. UTU79487H
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface    SENE 1400FNL 1197FEL At top prod interval reported below    SENE 1335FNL 677FEL At total depth    SENE 1360FNL 716FEL		8. Lease Name and Well No. PRICKLY PEAR UNIT FEDERAL 8A-22D-12-15
14. Date Spudded 08/13/2011		15. Date T.D. Reached 09/23/2011
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/29/2011		9. API Well No. 43-007-50175
18. Total Depth:    MD    7565 TVD    7525		19. Plug Back T.D.:    MD    7507 TVD    7474
20. Depth Bridge Plug Set:    MD TVD		10. Field and Pool, or Exploratory PRICKLY PEAR 11. Sec., T., R., M., or Block and Survey or Area    Sec 22 T12S R15E Mer SLB 12. County or Parish    CARBON    13. State UT
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, TRIPLE COMBO, BOREHOLE, MUD		17. Elevations (DF, KB, RT, GL)* 7289 GL
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24.000	14.000 COND	36.0	0	40	40			0	
12.250	9.625 J-55	36.0	0	1052	1039	420	111	0	
7.875	4.500 P-110	11.6	0	7565	7551	1580	451	340	15000

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5130	6692	5130 TO 6692	0.340	108	OPEN
B) MESAVERDE	6712	7380	6712 TO 7380	0.340	96	OPEN
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
5130 TO 6692	WASATCH: SEE TREATMENT STAGES 5 - 8
6712 TO 7380	MESAVERDE: SEE TREATMENT STAGES 1 - 4

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/29/2011	11/30/2011	24	→	0.0	3532.0	0.0			FLows FROM WELL
Choke Size	Tbg. Press. Fwgs. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34/64	SI	511.0	→	0	3532	0	0	PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Fwgs. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #127710 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

**28b. Production - Interval C**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

**28c. Production - Interval D**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
**SOLD**

**30. Summary of Porous Zones (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**31. Formation (Log) Markers**

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				WASATCH NORTH HORN DARK CANYON PRICE RIVER TD	2977 4967 6703 6965 7565

32. Additional remarks (include plugging procedure):  
 TOC was calculated by CBL. First sales was on 11/29/2011. Conductor was cemented with grout. 8 3/4 hole size was used to drill from the bottom of surface casing to 6014' then 7 7/8 hole size was drilled to TD.

**33. Circle enclosed attachments:**

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #127710 Verified by the BLM Well Information System.  
 For BILL BARRETT CORPORATION, sent to the Price

Name (please print) MEGAN FINNEGAN

Title PERMIT ANALYST

Signature (Electronic Submission)

Date 01/10/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Prickly Pear Unit Federal 8A-22D-12-15 Completion Report Continued\***

<b>44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)</b>		
<b>AMOUNT AND TYPE OF MATERIAL</b>		
<b><u>Stage</u></b>	<b><u>Bbls Slurry</u></b>	<b><u>lbs 20/40 White Sand</u></b>
1	432	60,000
2	481	68,000
3	648	97,200
4	846	138,300
5	714	84,000
6	1,158	151,300
7	849	104,000
8	524	60,000

\*Depth intervals for frac information same as perforation record intervals.

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# **Bill Barrett Corp.**

Carbon County, UT  
Prickly Pear Unit Federal NE 22 Pad  
PPUF #8A-22D-12-15

Wellbore #1

Design: Wellbore #1

## **Standard Survey Report**

26 September, 2011

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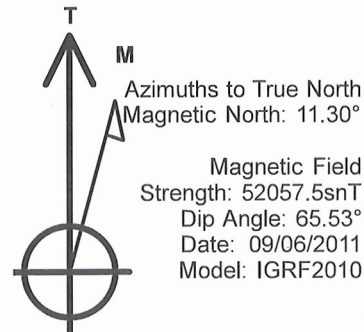
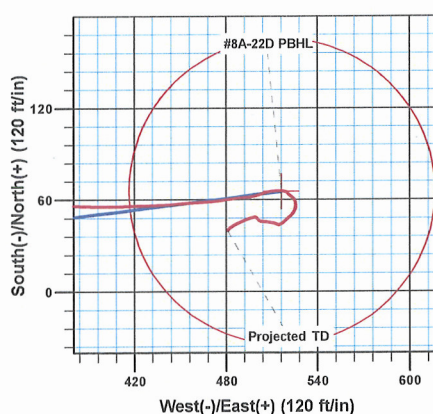
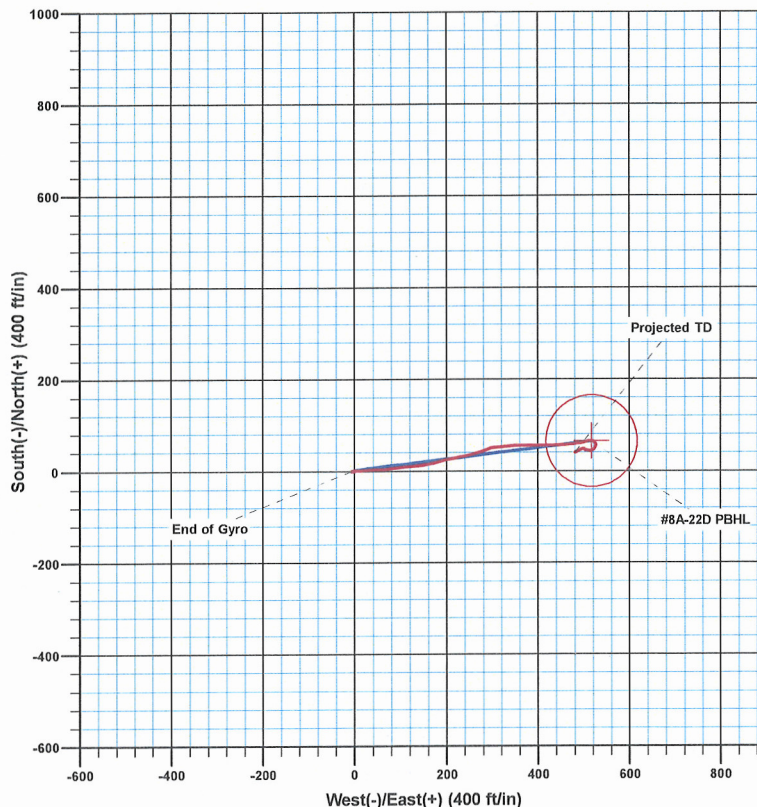
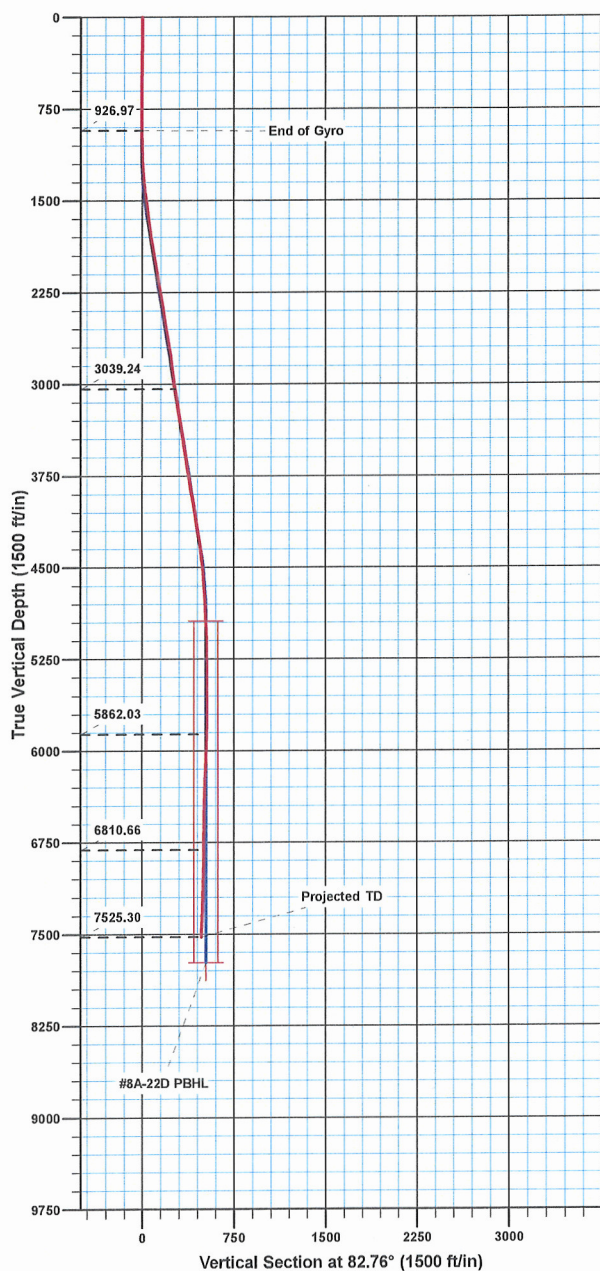
# Well Details: PRPR-UF #8A-22D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7269.01

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	523184.02	2360587.83	39° 45' 45.58 N	110° 13' 2.01 W

Prickly Pear Unit Federal NE 22 Pad



## ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
926.97	927.00	0.220	46.85	0.59	-5.95	-5.83	7.18	End of Gyro
3039.24	3059.00	8.600	72.00	38.68	261.83	264.62	278.90	As of Sept 21
5862.03	5901.00	1.700	230.30	49.32	522.10	524.15	560.26	As of Sept 22
6810.66	6850.00	1.500	353.00	48.07	500.45	502.52	586.25	As of Sept 23
7525.30	7565.00	2.200	231.10	40.16	480.79	482.02	609.23	Projected TD



Sharewell  
Survey Report



**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT  
**Site:** Prickly Pear Unit Federal NE 22 Pad  
**Well:** PPUF #8A-22D-12-15  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well PPUF #8A-22D-12-15  
**TVD Reference:** KB @ 7291.01ft (KB=22')  
**MD Reference:** KB @ 7291.01ft (KB=22')  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

**Project:** Carbon County, UT  
**Map System:** US State Plane 1927 (Exact solution)  
**Geo Datum:** NAD 1927 (NADCON CONUS)  
**Map Zone:** Utah Central 4302  
**System Datum:** Mean Sea Level

**Site:** Prickly Pear Unit Federal NE 22 Pad  
**Site Position:**  
**From:** Lat/Long  
**Position Uncertainty:** 0.00 ft  
**Northing:** 523,143.60 usft  
**Easting:** 2,360,538.31 usft  
**Slot Radius:** 1.10 ft  
**Latitude:** 39° 45' 45.19 N  
**Longitude:** 110° 13' 2.66 W  
**Grid Convergence:** 0.82 °

**Well:** PPUF #8A-22D-12-15  
**Well Position:**  
**+N/-S** 0.00 ft  
**+E/-W** 0.00 ft  
**Position Uncertainty:** 0.00 ft  
**Northing:** 523,184.02 usft  
**Easting:** 2,360,587.83 usft  
**Wellhead Elevation:** ft  
**Latitude:** 39° 45' 45.58 N  
**Longitude:** 110° 13' 2.01 W  
**Ground Level:** 7,269.01 ft

**Wellbore:** Wellbore #1  
**Magnetics:**  
**Model Name:** IGRF2010  
**Sample Date:** 09/06/11  
**Declination (°):** 11.30  
**Dip Angle (°):** 65.53  
**Field Strength (nT):** 52,058

**Design:** Wellbore #1  
**Audit Notes:**  
**Version:** 1.0  
**Phase:** ACTUAL  
**Tie On Depth:** 0.00  
**Vertical Section:**  
**Depth From (TVD) (ft):** 0.00  
**+N/-S (ft):** 0.00  
**+E/-W (ft):** 0.00  
**Direction (°):** 82.76

**Survey Program:** Date 09/26/11  
**From (ft):** 22.00  
**To (ft):** 927.00  
**Survey (Wellbore):** Survey #1 Gyro (Wellbore #1)  
**Tool Name:** NS-GYRO-MS  
**Description:** North sensing gyrocompassing m/s  
**From (ft):** 1,161.00  
**To (ft):** 7,565.00  
**Survey (Wellbore):** MWD Surveys (Wellbore #1)  
**Tool Name:** MWD  
**Description:** MWD - Standard

**Survey:**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.00	0.000	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
122.00	0.560	258.50	122.00	-0.10	-0.48	-0.49	0.56	0.56	0.00
222.00	0.570	246.30	221.99	-0.39	-1.41	-1.45	0.12	0.01	-12.20
322.00	0.590	255.91	321.99	-0.72	-2.37	-2.44	0.10	0.02	9.61
422.00	0.540	263.80	421.98	-0.90	-3.34	-3.42	0.09	-0.05	7.89
522.00	0.750	279.97	521.98	-0.83	-4.45	-4.52	0.28	0.21	16.17
622.00	0.440	292.81	621.97	-0.57	-5.45	-5.48	0.34	-0.31	12.84
722.00	0.260	325.76	721.97	-0.24	-5.93	-5.91	0.26	-0.18	32.95
822.00	0.280	353.61	821.97	0.20	-6.08	-6.01	0.13	0.02	27.85

**Sharewell**  
Survey Report



**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT  
**Site:** Prickly Pear Unit Federal NE 22 Pad  
**Well:** PPUF #8A-22D-12-15  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well PPUF #8A-22D-12-15  
**TVD Reference:** KB @ 7291.01ft (KB=22')  
**MD Reference:** KB @ 7291.01ft (KB=22')  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

**Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
922.00	0.230	47.62	921.97	0.57	-5.96	-5.84	0.24	-0.05	54.01
927.00	0.220	46.85	926.97	0.59	-5.95	-5.83	0.21	-0.20	-15.40
1,161.00	2.300	76.50	1,160.90	1.99	-1.05	-0.80	0.90	0.89	12.67
1,256.00	3.700	92.80	1,255.77	2.29	3.86	4.12	1.71	1.47	17.16
1,351.00	6.900	88.60	1,350.35	2.28	12.63	12.82	3.39	3.37	-4.42
1,446.00	6.800	87.20	1,444.67	2.69	23.95	24.10	0.20	-0.11	-1.47
1,541.00	7.300	84.90	1,538.95	3.50	35.58	35.74	0.60	0.53	-2.42
1,636.00	7.600	88.30	1,633.15	4.22	47.87	48.02	0.56	0.32	3.58
1,731.00	7.100	92.40	1,727.37	4.16	60.02	60.06	0.76	-0.53	4.32
1,826.00	8.900	83.10	1,821.45	4.80	73.18	73.20	2.33	1.89	-9.79
1,921.00	9.700	81.80	1,915.20	6.83	88.40	88.55	0.87	0.84	-1.37
2,016.00	9.800	81.60	2,008.83	9.15	104.32	104.84	0.11	0.11	-0.21
2,111.00	9.900	86.70	2,102.43	10.80	120.47	120.87	0.92	0.11	5.37
2,206.00	9.200	85.30	2,196.11	11.89	136.19	136.60	0.78	-0.74	-1.47
2,301.00	9.800	78.40	2,289.81	14.14	151.68	152.25	1.35	0.63	-7.26
2,396.00	8.300	81.20	2,383.63	16.81	166.38	167.17	1.65	-1.58	2.95
2,491.00	9.100	72.90	2,477.54	20.07	180.34	181.43	1.56	0.84	-8.74
2,586.00	9.800	74.80	2,571.25	24.40	195.32	196.84	0.81	0.74	2.00
2,681.00	9.800	79.50	2,664.86	27.99	211.07	212.92	0.84	0.00	4.95
2,775.00	8.200	80.60	2,757.70	30.55	225.55	227.60	1.71	-1.70	1.17
2,870.00	6.900	78.90	2,851.88	32.75	237.83	240.07	1.39	-1.37	-1.79
2,965.00	7.300	77.20	2,946.15	35.19	249.32	251.77	0.48	0.42	-1.79
3,059.00	8.600	72.00	3,039.24	38.68	261.83	264.62	1.58	1.38	-5.53
3,154.00	9.700	71.20	3,133.03	43.46	276.16	279.44	1.17	1.16	-0.84
3,249.00	9.700	70.80	3,226.67	48.67	291.29	295.11	0.07	0.00	-0.42
3,344.00	9.100	84.90	3,320.41	51.97	306.34	310.44	2.50	-0.63	14.84
3,439.00	8.500	85.80	3,414.29	53.15	320.82	324.96	0.65	-0.63	0.95
3,534.00	9.500	85.20	3,508.12	54.32	335.64	339.81	1.06	1.05	-0.63
3,627.00	8.300	82.30	3,600.00	55.86	349.94	354.19	1.38	-1.29	-3.12
3,720.00	9.100	92.10	3,691.93	56.49	363.94	368.16	1.81	0.86	10.54
3,815.00	9.500	90.30	3,785.69	56.18	379.29	383.34	0.52	0.42	-1.89
3,910.00	9.000	91.80	3,879.45	55.90	394.55	398.45	0.58	-0.53	1.58
4,005.00	10.700	88.30	3,973.05	55.93	410.80	414.57	1.90	1.79	-3.68
4,101.00	9.500	89.50	4,067.56	56.26	427.63	431.31	1.27	-1.25	1.25
4,195.00	9.100	85.70	4,160.32	56.89	442.80	446.44	0.78	-0.43	-4.04
4,290.00	8.200	85.40	4,254.24	58.00	457.04	460.71	0.95	-0.95	-0.32
4,385.00	7.600	86.10	4,348.34	58.97	470.06	473.75	0.64	-0.63	0.74
4,478.00	6.100	78.40	4,440.68	60.38	481.04	484.81	1.89	-1.61	-8.28
4,573.00	5.100	89.70	4,535.22	61.42	490.21	494.04	1.56	-1.05	11.89
4,667.00	4.700	74.70	4,628.88	62.45	498.10	502.00	1.42	-0.43	-15.96
4,762.00	3.800	73.60	4,723.62	64.37	504.88	508.96	0.95	-0.95	-1.16
4,857.00	2.700	81.00	4,818.47	65.61	510.11	514.31	1.24	-1.16	7.79
4,952.00	2.200	93.20	4,913.38	65.86	514.14	518.34	0.76	-0.53	12.84

**Sharewell**  
Survey Report



**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT  
**Site:** Prickly Pear Unit Federal NE 22 Pad  
**Well:** PPUF #8A-22D-12-15  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well PPUF #8A-22D-12-15  
**TVD Reference:** KB @ 7291.01ft (KB=22')  
**MD Reference:** KB @ 7291.01ft (KB=22')  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

**Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,047.00	1.800	85.40	5,008.32	65.87	517.44	521.62	0.51	-0.42	-8.21
5,142.00	1.500	129.60	5,103.29	65.20	519.89	523.96	1.34	-0.32	46.53
5,237.00	1.100	147.10	5,198.26	63.64	521.34	525.21	0.59	-0.42	18.42
5,332.00	1.500	125.30	5,293.24	62.16	522.85	526.52	0.66	0.42	-22.95
5,426.00	1.300	143.90	5,387.21	60.59	524.48	527.94	0.53	-0.21	19.79
5,521.00	1.300	153.40	5,482.19	58.75	525.60	528.82	0.23	0.00	10.00
5,616.00	1.800	192.00	5,577.15	56.33	525.77	528.68	1.19	0.53	40.63
5,711.00	1.300	182.80	5,672.12	53.79	525.41	528.00	0.59	-0.53	-9.68
5,806.00	2.000	221.10	5,767.08	51.47	524.27	526.58	1.34	0.74	40.32
5,901.00	1.700	230.30	5,862.03	49.32	522.10	524.15	0.44	-0.32	9.68
5,995.00	1.800	233.30	5,955.99	47.55	519.84	521.69	0.14	0.11	3.19
6,090.00	2.400	217.60	6,050.93	45.08	517.43	518.98	0.87	0.63	-16.53
6,185.00	1.800	276.40	6,145.87	43.67	514.73	516.13	2.24	-0.63	61.89
6,280.00	2.000	298.00	6,240.82	44.61	511.79	513.33	0.78	0.21	22.74
6,375.00	1.600	266.30	6,335.78	45.31	509.00	510.65	1.11	-0.42	-33.37
6,470.00	2.200	282.50	6,430.72	45.61	505.90	507.61	0.84	0.63	17.05
6,565.00	0.500	248.70	6,525.69	45.86	503.73	505.49	1.90	-1.79	-35.58
6,660.00	0.500	303.40	6,620.69	45.94	503.00	504.77	0.48	0.00	57.58
6,755.00	1.300	288.10	6,715.68	46.50	501.63	503.49	0.87	0.84	-16.11
6,850.00	1.500	353.00	6,810.66	48.07	500.45	502.52	1.59	0.21	68.32
6,945.00	1.700	256.70	6,905.63	48.98	498.93	501.12	2.51	0.21	-101.37
7,040.00	2.100	251.10	7,000.58	48.09	495.91	498.02	0.46	0.42	-5.89
7,135.00	1.800	245.80	7,095.53	46.92	492.90	494.88	0.37	-0.32	-5.58
7,325.00	1.900	245.50	7,285.43	44.39	487.31	489.02	0.05	0.05	-0.16
7,419.00	1.500	240.80	7,379.38	43.14	484.82	486.39	0.45	-0.43	-5.00
7,514.00	2.200	231.10	7,474.33	41.39	482.32	483.69	0.80	0.74	-10.21
7,565.00	2.200	231.10	7,525.30	40.16	480.79	482.02	0.00	0.00	0.00

**Design Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
927.00	926.97	0.59	-5.95	End of Gyro
3,059.00	3,039.24	38.68	261.83	As of Sept 21
5,901.00	5,862.03	49.32	522.10	As of Sept 22
6,850.00	6,810.66	48.07	500.45	As of Sept 23
7,565.00	7,525.30	40.16	480.79	Projected TD

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

# **Bill Barrett Corp.**

Carbon County, UT

Prickly Pear Unit Federal NE 22 Pad

PPUF #8A-22D-12-15

Wellbore #1

Design: Wellbore #1

## **Standard Survey Report**

26 September, 2011



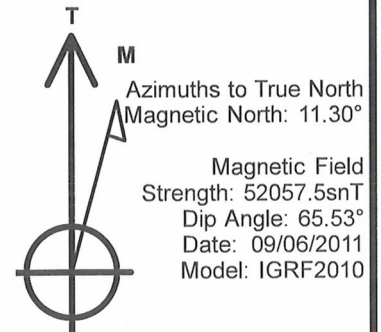
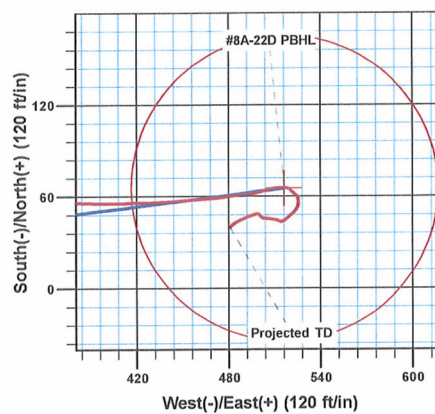
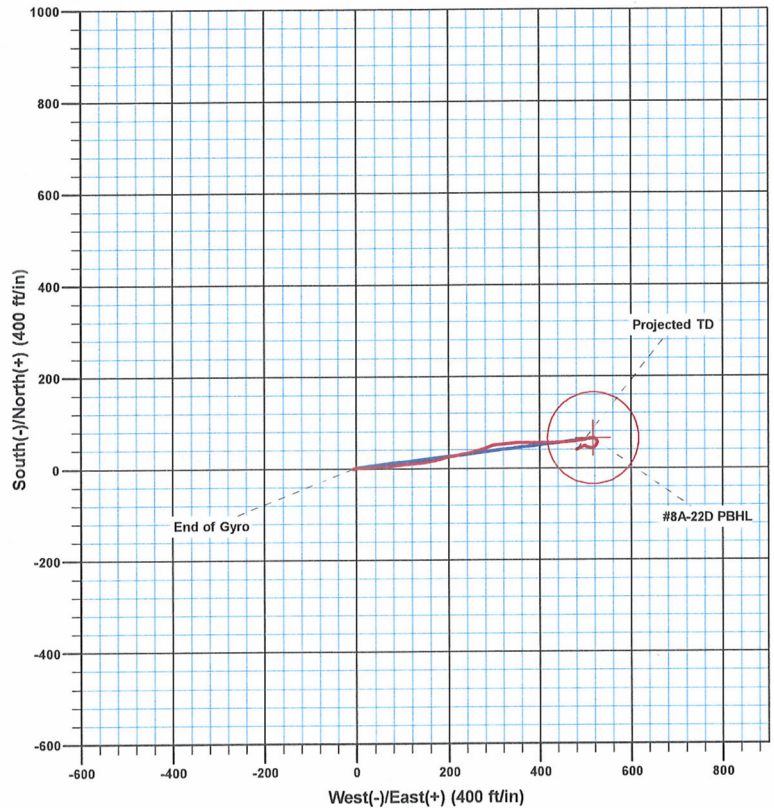
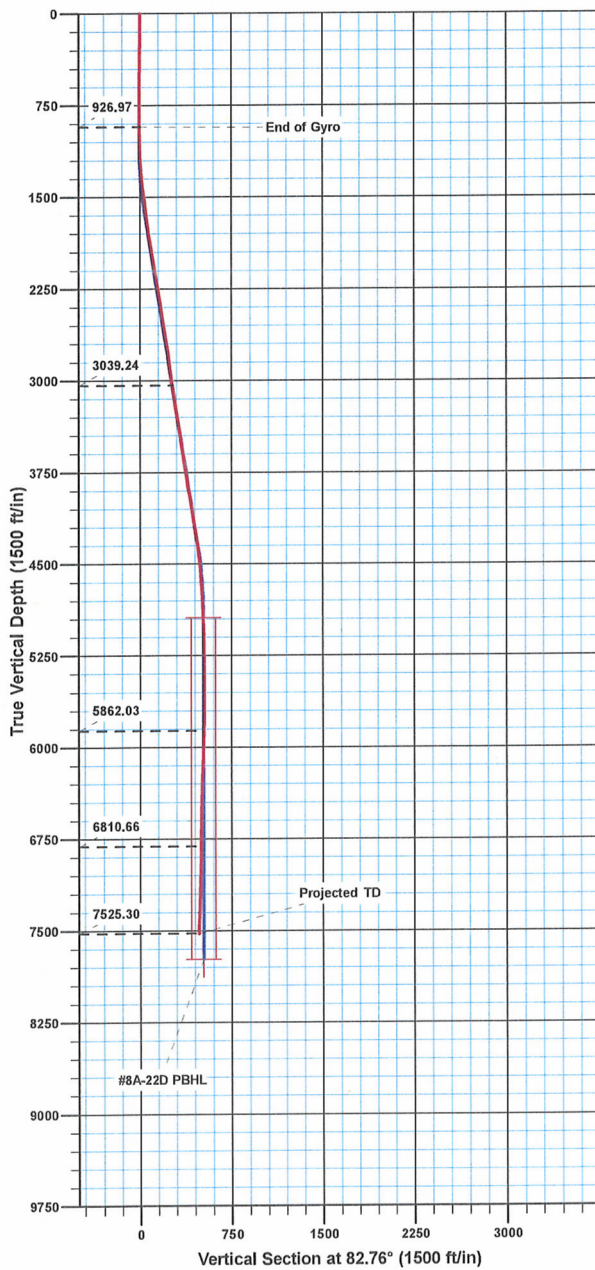
# Well Details: PRPR-UF #8A-22D-12-15

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7269.01

+N/-S +E/-W Northing Easting Latitude Longitude  
0.00 0.00 523184.02 2360587.83 39° 45' 45.58 N 110° 13' 2.01 W

Prickly Pear Unit Federal NE 22 Pad



## ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
926.97	927.00	0.220	46.85	0.59	-5.95	-5.83	7.18	End of Gyro
3039.24	3059.00	8.600	72.00	38.68	261.83	264.62	278.90	As of Sept 21
5862.03	5901.00	1.700	230.30	49.32	522.10	524.15	560.26	As of Sept 22
6810.66	6850.00	1.500	353.00	48.07	500.45	502.52	586.25	As of Sept 23
7525.30	7565.00	2.200	231.10	40.16	480.79	482.02	609.23	Projected TD



Sharewell  
Survey Report



Company: Bill Barrett Corp.  
Project: Carbon County, UT  
Site: Prickly Pear Unit Federal NE 22 Pad  
Well: PPUF #8A-22D-12-15  
Wellbore: Wellbore #1  
Design: Wellbore #1

Local Co-ordinate Reference: Well PPUF #8A-22D-12-15  
TVD Reference: KB @ 7291.01ft (KB=22')  
MD Reference: KB @ 7291.01ft (KB=22')  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Database: Compass VM

Project: Carbon County, UT  
Map System: US State Plane 1927 (Exact solution)  
Geo Datum: NAD 1927 (NADCON CONUS)  
Map Zone: Utah Central 4302  
System Datum: Mean Sea Level

Site: Prickly Pear Unit Federal NE 22 Pad  
Site Position: Northing: 523,143.60 usft Latitude: 39° 45' 45.19 N  
From: Lat/Long Easting: 2,360,538.31 usft Longitude: 110° 13' 2.66 W  
Position Uncertainty: 0.00 ft Slot Radius: 1.10 ft Grid Convergence: 0.82 °

Well: PPUF #8A-22D-12-15  
Well Position: +N/-S 0.00 ft Northing: 523,184.02 usft Latitude: 39° 45' 45.58 N  
+E/-W 0.00 ft Easting: 2,360,587.83 usft Longitude: 110° 13' 2.01 W  
Position Uncertainty: 0.00 ft Wellhead Elevation: ft Ground Level: 7,269.01 ft

Wellbore: Wellbore #1  
Magnetics: Model Name Sample Date Declination (°) Dip Angle (°) Field Strength (nT)  
IGRF2010 09/06/11 11.30 65.53 52,058

Design: Wellbore #1  
Audit Notes:  
Version: 1.0 Phase: ACTUAL Tie On Depth: 0.00  
Vertical Section: Depth From (TVD) +N/-S +E/-W Direction  
(ft) (ft) (ft) (°)  
0.00 0.00 0.00 82.76

Survey Program: Date 09/26/11  
From (ft) To (ft) Survey (Wellbore) Tool Name Description  
22.00 927.00 Survey #1 Gyro (Wellbore #1) NS-GYRO-MS North sensing gyrocompassing m/s  
1,161.00 7,565.00 MWD Surveys (Wellbore #1) MWD MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.00	0.000	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00
122.00	0.560	258.50	122.00	-0.10	-0.48	-0.49	0.56	0.56	0.00
222.00	0.570	246.30	221.99	-0.39	-1.41	-1.45	0.12	0.01	-12.20
322.00	0.590	255.91	321.99	-0.72	-2.37	-2.44	0.10	0.02	9.61
422.00	0.540	263.80	421.98	-0.90	-3.34	-3.42	0.09	-0.05	7.89
522.00	0.750	279.97	521.98	-0.83	-4.45	-4.52	0.28	0.21	16.17
622.00	0.440	292.81	621.97	-0.57	-5.45	-5.48	0.34	-0.31	12.84
722.00	0.260	325.76	721.97	-0.24	-5.93	-5.91	0.26	-0.18	32.95
822.00	0.280	353.61	821.97	0.20	-6.08	-6.01	0.13	0.02	27.85



**Sharewell**  
Survey Report



**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT  
**Site:** Prickly Pear Unit Federal NE 22 Pad  
**Well:** PPUF #8A-22D-12-15  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well PPUF #8A-22D-12-15  
**TVD Reference:** KB @ 7291.01ft (KB=22')  
**MD Reference:** KB @ 7291.01ft (KB=22')  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

**Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
922.00	0.230	47.62	921.97	0.57	-5.96	-5.84	0.24	-0.05	54.01
927.00	0.220	46.85	926.97	0.59	-5.95	-5.83	0.21	-0.20	-15.40
1,161.00	2.300	76.50	1,160.90	1.99	-1.05	-0.80	0.90	0.89	12.67
1,256.00	3.700	92.80	1,255.77	2.29	3.86	4.12	1.71	1.47	17.16
1,351.00	6.900	88.60	1,350.35	2.28	12.63	12.82	3.39	3.37	-4.42
1,446.00	6.800	87.20	1,444.67	2.69	23.95	24.10	0.20	-0.11	-1.47
1,541.00	7.300	84.90	1,538.95	3.50	35.58	35.74	0.60	0.53	-2.42
1,636.00	7.600	88.30	1,633.15	4.22	47.87	48.02	0.56	0.32	3.58
1,731.00	7.100	92.40	1,727.37	4.16	60.02	60.06	0.76	-0.53	4.32
1,826.00	8.900	83.10	1,821.45	4.80	73.18	73.20	2.33	1.89	-9.79
1,921.00	9.700	81.80	1,915.20	6.83	88.40	88.55	0.87	0.84	-1.37
2,016.00	9.800	81.60	2,008.83	9.15	104.32	104.64	0.11	0.11	-0.21
2,111.00	9.900	86.70	2,102.43	10.80	120.47	120.87	0.92	0.11	5.37
2,206.00	9.200	85.30	2,196.11	11.89	136.19	136.60	0.78	-0.74	-1.47
2,301.00	9.800	78.40	2,289.81	14.14	151.68	152.25	1.35	0.63	-7.26
2,396.00	8.300	81.20	2,383.63	16.81	166.38	167.17	1.65	-1.58	2.95
2,491.00	9.100	72.90	2,477.54	20.07	180.34	181.43	1.56	0.84	-8.74
2,586.00	9.800	74.80	2,571.25	24.40	195.32	196.84	0.81	0.74	2.00
2,681.00	9.800	79.50	2,664.86	27.99	211.07	212.92	0.84	0.00	4.95
2,775.00	8.200	80.60	2,757.70	30.55	225.55	227.60	1.71	-1.70	1.17
2,870.00	6.900	78.90	2,851.88	32.75	237.83	240.07	1.39	-1.37	-1.79
2,965.00	7.300	77.20	2,946.15	35.19	249.32	251.77	0.48	0.42	-1.79
3,059.00	8.600	72.00	3,039.24	38.68	261.83	264.62	1.58	1.38	-5.53
3,154.00	9.700	71.20	3,133.03	43.46	276.16	279.44	1.17	1.16	-0.84
3,249.00	9.700	70.80	3,226.67	48.67	291.29	295.11	0.07	0.00	-0.42
3,344.00	9.100	84.90	3,320.41	51.97	306.34	310.44	2.50	-0.63	14.84
3,439.00	8.500	85.80	3,414.29	53.15	320.82	324.96	0.65	-0.63	0.95
3,534.00	9.500	85.20	3,508.12	54.32	335.64	339.81	1.06	1.05	-0.63
3,627.00	8.300	82.30	3,600.00	55.86	349.94	354.19	1.38	-1.29	-3.12
3,720.00	9.100	92.10	3,691.93	56.49	363.94	368.16	1.81	0.86	10.54
3,815.00	9.500	90.30	3,785.69	56.18	379.29	383.34	0.52	0.42	-1.89
3,910.00	9.000	91.80	3,879.45	55.90	394.55	398.45	0.58	-0.53	1.58
4,005.00	10.700	88.30	3,973.05	55.93	410.80	414.57	1.90	1.79	-3.68
4,101.00	9.500	89.50	4,067.56	56.26	427.63	431.31	1.27	-1.25	1.25
4,195.00	9.100	85.70	4,160.32	56.89	442.80	446.44	0.78	-0.43	-4.04
4,290.00	8.200	85.40	4,254.24	58.00	457.04	460.71	0.95	-0.95	-0.32
4,385.00	7.600	86.10	4,348.34	58.97	470.06	473.75	0.64	-0.63	0.74
4,478.00	6.100	78.40	4,440.68	60.38	481.04	484.81	1.89	-1.61	-8.28
4,573.00	5.100	89.70	4,535.22	61.42	490.21	494.04	1.56	-1.05	11.89
4,667.00	4.700	74.70	4,628.88	62.45	498.10	502.00	1.42	-0.43	-15.96
4,762.00	3.800	73.60	4,723.62	64.37	504.88	508.96	0.95	-0.95	-1.16
4,857.00	2.700	81.00	4,818.47	65.61	510.11	514.31	1.24	-1.16	7.79
4,952.00	2.200	93.20	4,913.38	65.86	514.14	518.34	0.76	-0.53	12.84

**Sharewell**  
Survey Report



**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT  
**Site:** Prickly Pear Unit Federal NE 22 Pad  
**Well:** PPUF #8A-22D-12-15  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well PPUF #8A-22D-12-15  
**TVD Reference:** KB @ 7291.01ft (KB=22')  
**MD Reference:** KB @ 7291.01ft (KB=22')  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

**Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,047.00	1.800	85.40	5,008.32	65.87	517.44	521.62	0.51	-0.42	-8.21
5,142.00	1.500	129.60	5,103.29	65.20	519.89	523.96	1.34	-0.32	46.53
5,237.00	1.100	147.10	5,198.26	63.64	521.34	525.21	0.59	-0.42	18.42
5,332.00	1.500	125.30	5,293.24	62.16	522.85	526.52	0.66	0.42	-22.95
5,426.00	1.300	143.90	5,387.21	60.59	524.48	527.94	0.53	-0.21	19.79
5,521.00	1.300	153.40	5,482.19	58.75	525.60	528.82	0.23	0.00	10.00
5,616.00	1.800	192.00	5,577.15	56.33	525.77	528.68	1.19	0.53	40.63
5,711.00	1.300	182.80	5,672.12	53.79	525.41	528.00	0.59	-0.53	-9.68
5,806.00	2.000	221.10	5,767.08	51.47	524.27	526.58	1.34	0.74	40.32
5,901.00	1.700	230.30	5,862.03	49.32	522.10	524.15	0.44	-0.32	9.68
5,995.00	1.800	233.30	5,955.99	47.55	519.84	521.69	0.14	0.11	3.19
6,090.00	2.400	217.60	6,050.93	45.08	517.43	518.98	0.87	0.63	-16.53
6,185.00	1.800	276.40	6,145.87	43.67	514.73	516.13	2.24	-0.63	61.89
6,280.00	2.000	298.00	6,240.82	44.61	511.79	513.33	0.78	0.21	22.74
6,375.00	1.600	266.30	6,335.78	45.31	509.00	510.65	1.11	-0.42	-33.37
6,470.00	2.200	282.50	6,430.72	45.61	505.90	507.61	0.84	0.63	17.05
6,565.00	0.500	248.70	6,525.69	45.86	503.73	505.49	1.90	-1.79	-35.58
6,660.00	0.500	303.40	6,620.69	45.94	503.00	504.77	0.48	0.00	57.58
6,755.00	1.300	288.10	6,715.68	46.50	501.63	503.49	0.87	0.84	-16.11
6,850.00	1.500	353.00	6,810.66	48.07	500.45	502.52	1.59	0.21	68.32
6,945.00	1.700	256.70	6,905.63	48.98	498.93	501.12	2.51	0.21	-101.37
7,040.00	2.100	251.10	7,000.58	48.09	495.91	498.02	0.46	0.42	-5.89
7,135.00	1.800	245.80	7,095.53	46.92	492.90	494.88	0.37	-0.32	-5.58
7,325.00	1.900	245.50	7,285.43	44.39	487.31	489.02	0.05	0.05	-0.16
7,419.00	1.500	240.80	7,379.38	43.14	484.82	486.39	0.45	-0.43	-5.00
7,514.00	2.200	231.10	7,474.33	41.39	482.32	483.69	0.80	0.74	-10.21
7,565.00	2.200	231.10	7,525.30	40.16	480.79	482.02	0.00	0.00	0.00

**Design Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
927.00	926.97	0.59	-5.95	End of Gyro
3,059.00	3,039.24	38.68	261.83	As of Sept 21
5,901.00	5,862.03	49.32	522.10	As of Sept 22
6,850.00	6,810.66	48.07	500.45	As of Sept 23
7,565.00	7,525.30	40.16	480.79	Projected TD

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU11604
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: PRICKLY PEAR UF 8A-22D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43007501750000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1400 FNL 1197 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 22 Township: 12.0S Range: 15.0E Meridian: S		COUNTY: CARBON
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="Pit Closure"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/14/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The pit was closed on the above referenced well location, Prickly Pear  
NE22 pad on 6/14/2012.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 10, 2012

NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst
SIGNATURE N/A		DATE 6/15/2012

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
**CDW**

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/1/2014**

**FROM:** (Old Operator):  
 N2165-Bill Barrett Corporation  
 1099 18th Street, Suite 230  
 Denver, CO 80202  
 Phone: 1 (303) 312-8134

**TO:** ( New Operator):  
 N4040-EnerVest Operating, LLC  
 1001 Fannin Street, Suite 800  
 Houston, TX 77002  
 Phone: 1 (713) 659-3500

CA No.				Unit:	Prickly Pear			
WELL NAME	SEC TWN RNG			API NO.	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/7/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/7/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/28/2014
- a. Is the new operator registered in the State of Utah: Business Number: 8850806-0161
- a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- b. Inspections of LA PA state/fee well sites complete on: Yes
- c. Reports current for Production/Disposition & Sundries on: 1/24/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Yes

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 1/28/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 1/28/2014
- Bond information entered in RBDMS on: 1/28/2014
- Fee/State wells attached to bond in RBDMS on: 1/28/2014
- Injection Projects to new operator in RBDMS on: 1/28/2014
- Receipt of Acceptance of Drilling Procedures for APD/New on: 1/7/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 1/7/2014

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB7886
- Indian well(s) covered by Bond Number: RLB7886
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number B008371
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014

**COMMENTS:**

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 11-23D-12-15	23	120S	150E	4300731440		Federal	Federal	GW	APD
PPU FED 4-26D-12-15	23	120S	150E	4300731441		Federal	Federal	GW	APD
PPU FED 14-23D-12-15	23	120S	150E	4300731442		Federal	Federal	GW	APD
PPU FED 12-23D-12-15	23	120S	150E	4300731443		Federal	Federal	GW	APD
PRICKLY PEAR U FED 12-7D-12-15	7	120S	150E	4300750094		Federal	Federal	GW	APD
PRICKLY PEAR U FED 11-7D-12-15	7	120S	150E	4300750095		Federal	Federal	GW	APD
PRICKLY PEAR U FED 13-7D-12-15	7	120S	150E	4300750096		Federal	Federal	GW	APD
PRICKLY PEAR U FED 14-7D-12-15	7	120S	150E	4300750097		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-8D-12-15	8	120S	150E	4300750124		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-8D-12-15	8	120S	150E	4300750125		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-8D-12-15	8	120S	150E	4300750126		Federal	Federal	GW	APD
PRICKLY PEAR UF 14-8D-12-15	8	120S	150E	4300750127		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E	4300750128		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E	4300750129		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	Federal	GW	APD
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	Federal	GW	APD
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal	Federal	GW	APD
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-18D-12-15	7	120S	150E	4300750185		Federal	Federal	GW	APD
PRICKLY PEAR UF 4A-18D-12-15	7	120S	150E	4300750186		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-7D-12-15	7	120S	150E	4300750187		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-18D-12-15	7	120S	150E	4300750188		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-7D-12-15	7	120S	150E	4300750189		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-7D-12-15	7	120S	150E	4300750190		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-7D-12-15	7	120S	150E	4300750191		Federal	Federal	GW	APD
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E	4300750205		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E	4300750206		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E	4300750207		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E	4300750208		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E	4300750209		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E	4300750210		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E	4300750211		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E	4300750212		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E	4300750213		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E	4300750214		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E	4300750215		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E	4300750217		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E	4300750218		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E	4300750219		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220		Federal	Federal	GW	APD

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E	4300750222		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E	4300750223		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E	4300750224		Federal	Federal	GW	APD
PRICKLY PEAR UF 1A-18D-12-15	7	120S	150E	4300750225		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-18D-12-15	7	120S	150E	4300750226		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-7D-12-15	7	120S	150E	4300750227		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-7D-12-15	7	120S	150E	4300750228		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-7D-12-15	7	120S	150E	4300750229		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-7D-12-15	7	120S	150E	4300750230		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E	4300750233		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E	4300750234		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E	4300750235		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-8D-12-15	8	120S	150E	4300750236		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E	4300750237		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-8D-12-15	8	120S	150E	4300750238		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-8D-12-15	8	120S	150E	4300750239		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-8D-12-15	8	120S	150E	4300750240		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-8D-12-15	8	120S	150E	4300750260		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-8D-12-15	8	120S	150E	4300750261		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-8D-12-15	8	120S	150E	4300750262		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-8D-12-15	8	120S	150E	4300750263		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-8D-12-15	8	120S	150E	4300750264		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-8D-12-15	8	120S	150E	4300750265		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-8D-12-15	8	120S	150E	4300750266		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-8D-12-15	8	120S	150E	4300750267		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-8D-12-15	8	120S	150E	4300750268		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-8D-12-15	8	120S	150E	4300750269		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-8D-12-15	8	120S	150E	4300750270		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-8D-12-15	8	120S	150E	4300750271		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-8D-12-15	8	120S	150E	4300750272		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-8D-12-15	8	120S	150E	4300750273		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-9D-12-15	9	120S	150E	4300750274		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-9D-12-15	9	120S	150E	4300750275		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-9D-12-15	9	120S	150E	4300750276		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-9D-12-15	9	120S	150E	4300750277		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-9D-12-15	9	120S	150E	4300750278		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-9D-12-15	9	120S	150E	4300750279		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-9D-12-15	9	120S	150E	4300750280		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-9D-12-15	9	120S	150E	4300750281		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-9D-12-15	9	120S	150E	4300750282		Federal	Federal	GW	APD
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E	4300750283		State	Federal	GW	APD
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E	4300750284		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E	4300750285		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E	4300750286		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E	4300750287		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E	4300750288		Federal	Federal	GW	APD
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E	4300750289		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E	4300750290		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E	4300750291		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E	4300750292		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E	4300750293		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E	4300750294		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E	4300750295		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E	4300750296		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E	4300750297		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E	4300750298		Federal	Federal	GW	APD



Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E	4300750299		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E	4300750300		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E	4300750301		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E	4300750302		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E	4300750303		Federal	Federal	GW	APD
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E	4300750304		Federal	Federal	GW	APD
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E	4300750305		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E	4300750306		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E	4300750307		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E	4300750308		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-7D-12-15	7	120S	150E	4300750309		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E	4300750310		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-7D-12-15	7	120S	150E	4300750311		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E	4300750312		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-7D-12-15	7	120S	150E	4300750313		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-7D-12-15	7	120S	150E	4300750314		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-7D-12-15	7	120S	150E	4300750315		Federal	Federal	GW	APD
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E	4300750316		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E	4300750317		Federal	Federal	GW	APD
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E	4300750318		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E	4300750319		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-7D-12-15	7	120S	150E	4300750320		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E	4300750321		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E	4300750322		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E	4300750323		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E	4300750324		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-7D-12-15	7	120S	150E	4300750325		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E	4300750326		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E	4300750327		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E	4300750328		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-7D-12-15	7	120S	150E	4300750329		Federal	Federal	GW	APD
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E	4300750330		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-7D-12-15	7	120S	150E	4300750331		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-10D-12-15	9	120S	150E	4300750332		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-10D-12-15	9	120S	150E	4300750333		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-10D-12-15	9	120S	150E	4300750334		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-10D-12-15	9	120S	150E	4300750335		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-10D-12-15	9	120S	150E	4300750336		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-10D-12-15	9	120S	150E	4300750338		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-10D-12-15	9	120S	150E	4300750339		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-10D-12-15	9	120S	150E	4300750340		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-9D-12-15	9	120S	150E	4300750341		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-9D-12-15	9	120S	150E	4300750342		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-9D-12-15	9	120S	150E	4300750343		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-9D-12-15	9	120S	150E	4300750344		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-9D-12-15	9	120S	150E	4300750345		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-9D-12-15	9	120S	150E	4300750346		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E	4300750348		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E	4300750349		Federal	Federal	GW	APD
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E	4300750055	14794	Federal	Federal	GW	OPS
PRICKLY PEAR US 1A-16D-12-15	9	120S	150E	4300750192	14794	State	Federal	GW	OPS
PRICKLY PEAR US 2A-16D-12-15	9	120S	150E	4300750193	14794	State	Federal	GW	OPS
PRICKLY PEAR US 2-16D-12-15	9	120S	150E	4300750194	14794	State	Federal	GW	OPS
PRICKLY PEAR UF 9A-9D-12-15	9	120S	150E	4300750196	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10-9D-12-15	9	120S	150E	4300750197	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10A-9D-12-15	9	120S	150E	4300750198	14794	Federal	Federal	GW	OPS

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 14-9D-12-15	9	120S	150E	4300750199	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 14A-9D-12-15	9	120S	150E	4300750200	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 15-9D-12-15	9	120S	150E	4300750201	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 15A-9D-12-15	9	120S	150E	4300750203	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 16A-9D-12-15	9	120S	150E	4300750204	14794	Federal	Federal	GW	OPS
STONE CABIN FED 2-B-27	27	120S	150E	4300730018	14794	Federal	Federal	GW	P
PRICKLY PEAR ST 16-15	16	120S	150E	4300730522	14794	State	State	GW	P
PRICKLY PEAR UNIT 21-2	21	120S	150E	4300730828	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 13-16	16	120S	150E	4300730933	14794	State	State	GW	P
PRICKLY PEAR U ST 11-16	16	120S	150E	4300730944	14794	State	State	GW	P
PRICKLY PEAR U ST 7-16	16	120S	150E	4300730945	14794	State	State	GW	P
PRICKLY PEAR U FED 7-25	25	120S	150E	4300730954	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 36-06	36	120S	150E	4300731018	14794	State	State	GW	P
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E	4300731073	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E	4300731074	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E	4300731075	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E	4300731076	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E	4300731121	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E	4300731164	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E	4300731166	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E	4300731184	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E	4300731186	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E	4300731187	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E	4300731188	14794	Federal	Federal	GW	P
PRICKLY PEAR 11-15D-12-15	22	120S	150E	4300731189	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E	4300731192	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E	4300731193	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E	4300731194	15569	Federal	Federal	GW	P
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E	4300731195	15568	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E	4300731197	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E	4300731198	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E	4300731206	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E	4300731227	14794	State	State	GW	P
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E	4300731237	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E	4300731238	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E	4300731239	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E	4300731240	14794	State	State	GW	P
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E	4300731241	16028	Federal	Federal	GW	P
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E	4300731242	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E	4300731243	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E	4300731244	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E	4300731245	14794	State	State	GW	P
PPU FED 11-18D-12-15	18	120S	150E	4300731257	14794	Federal	Federal	GW	P
PPU FED 11-20D-12-15	20	120S	150E	4300731258	14794	Federal	Federal	GW	P
PPU FED 4-25D-12-15	25	120S	150E	4300731259	14794	Federal	Federal	GW	P
PPU FED 12-25D-12-15	25	120S	150E	4300731260	16068	Federal	Federal	GW	P
PPU FED 14-26D-12-15	35	120S	150E	4300731282	16224	Federal	Federal	GW	P
PPU FED 2-35-12-15	35	120S	150E	4300731283	14794	Federal	Federal	GW	P
PPU FED 10-26D-12-15	35	120S	150E	4300731284	14794	Federal	Federal	GW	P
PPU FED 9-17-12-15	17	120S	150E	4300731287	14794	Federal	Federal	GW	P
PPU FED 1-17D-12-15	17	120S	150E	4300731288	14794	Federal	Federal	GW	P
PPU FED 7-17D-12-15	17	120S	150E	4300731289	14794	Federal	Federal	GW	P
PPU FED 1-18D-12-15	18	120S	150E	4300731294	14794	Federal	Federal	GW	P
PPU FED 7-18D-12-15	18	120S	150E	4300731295	14794	Federal	Federal	GW	P
PPU FED 5-17D-12-15	18	120S	150E	4300731296	14794	Federal	Federal	GW	P
PPU FED 10-17D-12-15	17	120S	150E	4300731307	14794	Federal	Federal	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)  
Effective 1/1/2014  
Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 8-17D-12-15	17	120S	150E	4300731308	14794	Federal	Federal	GW	P
PPU FED 12-17D-12-15	17	120S	150E	4300731309	14794	Federal	Federal	GW	P
PPU FED 13-17D-12-15	17	120S	150E	4300731310	14794	Federal	Federal	GW	P
PPU FED 14-17D-12-15	17	120S	150E	4300731311	14794	Federal	Federal	GW	P
PPU FED 16-18D-12-15	17	120S	150E	4300731312	14794	Federal	Federal	GW	P
PPU FED 8-18D-12-15	18	120S	150E	4300731313	14794	Federal	Federal	GW	P
PPU FED 3-18D-12-15	18	120S	150E	4300731314	14794	Federal	Federal	GW	P
PPU FED 4-18-12-15	18	120S	150E	4300731315	14794	Federal	Federal	GW	P
PPU FED 5-18D-12-15	18	120S	150E	4300731316	14794	Federal	Federal	GW	P
PPU FED 6-18D-12-15	18	120S	150E	4300731317	14794	Federal	Federal	GW	P
PPU FED 16-17D-12-15	17	120S	150E	4300731321	14794	Federal	Federal	GW	P
PPU ST 15-16D-12-15	16	120S	150E	4300731322	14794	State	State	GW	P
PPU ST 16-16D-12-15	16	120S	150E	4300731323	14794	State	State	GW	P
PPU ST 14-16D-12-15	16	120S	150E	4300731324	14794	State	State	GW	P
PPU FED 3-21D-12-15	21	120S	150E	4300731328	14794	Federal	Federal	GW	P
PPU FED 4-21D-12-15	21	120S	150E	4300731329	14794	Federal	Federal	GW	P
PPU FED 13-15D-12-15	22	120S	150E	4300731358	14794	Federal	Federal	GW	P
PPU FED 14-15D-12-15	22	120S	150E	4300731359	14794	Federal	Federal	GW	P
PPU FED 4-22D-12-15	22	120S	150E	4300731360	14794	Federal	Federal	GW	P
PPU FED 6-22D-12-15	22	120S	150E	4300731361	14794	Federal	Federal	GW	P
PPU FED 2-28D-12-15	28	120S	150E	4300731362	14794	Federal	Federal	GW	P
PPU FED 16X-21D-12-15	28	120S	150E	4300731363	14794	Federal	Federal	GW	P
PPU FED 5A-27D-12-15	28	120S	150E	4300731364	14794	Federal	Federal	GW	P
PPU FED 1A-28D-12-15	28	120S	150E	4300731368	14794	Federal	Federal	GW	P
PPU FED 14A-18D-12-15	18	120S	150E	4300731393	14794	Federal	Federal	GW	P
PPU FED 10-18D-12-15	18	120S	150E	4300731394	14794	Federal	Federal	GW	P
PPU FED 15A-18D-12-15	18	120S	150E	4300731395	14794	Federal	Federal	GW	P
PPU FED 16A-18D-12-15	18	120S	150E	4300731396	14794	Federal	Federal	GW	P
PPU FED 12-22D-12-15	22	120S	150E	4300731398	14794	Federal	Federal	GW	P
PPU FED 11-22D-12-15	22	120S	150E	4300731399	14794	Federal	Federal	GW	P
PPU FED 14-22D-12-15	22	120S	150E	4300731400	14794	Federal	Federal	GW	P
PPU FED 4A-27D-12-15	22	120S	150E	4300731401	14794	Federal	Federal	GW	P
PPU FED 11-21D-12-15	21	120S	150E	4300731412	14794	Federal	Federal	GW	P
PPU FED 6-21D-12-15	21	120S	150E	4300731413	14794	Federal	Federal	GW	P
PPU FED 12-21D-12-15	21	120S	150E	4300731414	14794	Federal	Federal	GW	P
PPU FED 8-20D-12-15	20	120S	150E	4300731419	14794	Federal	Federal	GW	P
PPU FED 1A-20D-12-15	20	120S	150E	4300731420	14794	Federal	Federal	GW	P
PPU FED 2-20D-12-15	20	120S	150E	4300731421	14794	Federal	Federal	GW	P
PPU ST 7A-16D-12-15	16	120S	150E	4300731422	14794	State	State	GW	P
PPU ST 6-16D-12-15	16	120S	150E	4300731423	14794	State	State	GW	P
PPU ST 10A-16D-12-15	16	120S	150E	4300731424	14794	State	State	GW	P
PPU ST 3-16D-12-15	16	120S	150E	4300731425	14794	State	State	GW	P
PPU FED 5-21D-12-15	21	120S	150E	4300731451	14794	Federal	Federal	GW	P
PPU ST 8-16D-12-15	16	120S	150E	4300731455	14794	State	State	GW	P
PPU ST 12-16D-12-15	16	120S	150E	4300731456	14794	State	State	GW	P
PPU ST 12A-16D-12-15	16	120S	150E	4300731457	14794	State	State	GW	P
PPU ST 15A-16D-12-15	16	120S	150E	4300731458	14794	State	State	GW	P
PPU ST 10-16D-12-15	16	120S	150E	4300731459	14794	State	State	GW	P
PPU ST 11A-16D-12-15	16	120S	150E	4300731460	14794	State	State	GW	P
PPU ST 13A-16D-12-15	16	120S	150E	4300731461	14794	State	State	GW	P
PPU FED 10-7D-12-15	7	120S	150E	4300731470	14794	Federal	Federal	GW	P
PPU FED 15-7D-12-15	7	120S	150E	4300731471	14794	Federal	Federal	GW	P
PPU FED 9-7D-12-15	7	120S	150E	4300731472	14794	Federal	Federal	GW	P
PPU FED 16-7D-12-15	7	120S	150E	4300731473	14794	Federal	Federal	GW	P
PPU ST 6A-16D-12-15	16	120S	150E	4300731477	14794	State	State	GW	P
PPU ST 4-16D-12-15	16	120S	150E	4300731478	14794	State	State	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU ST 4A-16D-12-15	16	120S	150E	4300731479	14794	State	State	GW	P
PPU ST 5A-16D-12-15	16	120S	150E	4300731480	14794	State	State	GW	P
PPU ST 3A-16D-12-15	16	120S	150E	4300731481	14794	State	State	GW	P
PPU ST 16A-16D-12-15	16	120S	150E	4300731484	14794	State	State	GW	P
PPU ST 9A-16D-12-15	16	120S	150E	4300731485	14794	State	State	GW	P
PPU ST 16B-16D-12-15	16	120S	150E	4300731514	14794	State	State	GW	P
PPU ST 14B-16D-12-15	16	120S	150E	4300731515	14794	State	State	GW	P
PPU ST 13B-16D-12-15	16	120S	150E	4300731516	14794	State	State	GW	P
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E	4300750041	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E	4300750042	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E	4300750043	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E	4300750044	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E	4300750045	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E	4300750046	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E	4300750047	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E	4300750048	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E	4300750049	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E	4300750050	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E	4300750051	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E	4300750052	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E	4300750053	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E	4300750054	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E	4300750056	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E	4300750057	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E	4300750058	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-8D-12-15	8	120S	150E	4300750059	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-8D-12-15	8	120S	150E	4300750060	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-17D-12-15	8	120S	150E	4300750061	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1A-17D-12-15	8	120S	150E	4300750062	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E	4300750076	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E	4300750077	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E	4300750078	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E	4300750079	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E	4300750080	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E	4300750081	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E	4300750082	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E	4300750083	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E	4300750084	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E	4300750085	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E	4300750086	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E	4300750088	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E	4300750089	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E	4300750090	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E	4300750091	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E	4300750098	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E	4300750099	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E	4300750100	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E	4300750101	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E	4300750102	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E	4300750103	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E	4300750104	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E	4300750105	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E	4300750106	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E	4300750107	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E	4300750108	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E	4300750136	14794	Federal	Federal	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E	4300750137	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E	4300750138	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E	4300750139	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16A-8D-12-15	8	120S	150E	4300750140	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 15A-8D-12-15	8	120S	150E	4300750141	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13A-9D-12-15	8	120S	150E	4300750142	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13-9D-12-15	8	120S	150E	4300750143	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-9D-12-15	8	120S	150E	4300750144	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 10-8D-12-15	8	120S	150E	4300750145	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-8D-12-15	8	120S	150E	4300750146	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-17D-12-15	8	120S	150E	4300750147	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E	4300750171	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E	4300750172	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E	4300750173	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E	4300750174	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E	4300750175	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E	4300750176	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-9D-12-15	9	120S	150E	4300750195	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16-9D-12-15	9	120S	150E	4300750202	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E	4300750216	18289	Federal	Federal	GW	P
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E	4300750221	18290	Federal	Federal	GW	P
PRICKLY PEAR U ST 5-16	16	120S	150E	4300730943	14794	State	State	GW	S
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E	4300731165	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E	4300731183	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E	4300731196	15570	Federal	Federal	GW	S
PPU FED 4-35D-12-15	35	120S	150E	4300731285	16223	Federal	Federal	GW	S
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E	4300750087	14794	Federal	Federal	GW	S

COPY

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
2. NAME OF OPERATOR: ENERVEST OPERATING, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list)		8. WELL NAME and NUMBER: (see attached well list)
5. PHONE NUMBER: (713) 659-3500		9. API NUMBER:
6. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
7. COUNTY:		8. STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BARRETT CORPORATION EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

EnerVest Operating, L.L.C.

1001 Fannin, Suite 800

Houston, Texas 77002

713-659-3500

(BLM BOND # RLB 7886, STATE/FEE BOND # B008321)

BILL BARRETT CORPORATION

ENERVEST OPERATING, LLC

Duane Zavadih NAME (PLEASE PRINT)

RONNIE L YOUNG NAME (PLEASE PRINT)

Ron Zavadih SIGNATURE

Ronnie L Young SIGNATURE

Senior Vice President -

EH&S, Government and Regulatory Affairs

DIRECTOR - REGULATORY

NAME (PLEASE PRINT) RONNIE YOUNG

TITLE DIRECTOR - REGULATORY

SIGNATURE

Ronnie L Young

DATE

12/10/2013

(This space for State use only)

**APPROVED**

JAN 28 2014 4:00 PM

RECEIVED

JAN 07 2014

DIV. OF OIL, GAS & MINING  
Rachel Medina



## UDOGM CHANGE OF OPERATOR WELL LIST

Well Name	Sec	TWN	RNG	API Number	Entity	Lease	Well Type	Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	160E	4300730460	15167	State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166	State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467	Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440		Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441		Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S	150E	4300731442		Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443		Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465		Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469		Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092		Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S	160E	4300750093		Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S	150E	4300750095		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S	150E	4300750096		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S	150E	4300750126		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S	150E	4300750127		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E	4300750128		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E	4300750129		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178		Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182		Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188		Federal	GW	APD	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E	4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E	4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E	4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E	4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E	4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E	4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E	4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E	4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E	4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E	4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E	4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E	4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E	4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E	4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E	4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E	4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E	4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E	4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E	4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E	4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E	4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E	4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E	4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E	4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E	4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E	4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E	4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E	4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E	4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E	4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E	4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E	4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E	4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E	4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E	4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E	4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E	4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E	4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E	4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E	4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E	4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E	4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E	4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E	4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E	4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E	4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E	4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E	4300750273	Federal	GW	APD	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E	4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E	4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E	4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E	4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E	4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E	4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E	4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E	4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E	4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E	4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E	4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E	4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E	4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E	4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E	4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E	4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E	4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E	4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E	4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E	4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E	4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E	4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E	4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E	4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E	4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E	4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E	4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E	4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E	4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E	4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E	4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E	4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E	4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E	4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E	4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E	4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E	4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E	4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E	4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E	4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E	4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E	4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E	4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E	4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E	4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E	4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E	4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E	4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E	4300750322	Federal	GW	APD	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E	4300750323		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E	4300750324		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E	4300750325		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E	4300750326		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E	4300750327		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E	4300750328		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E	4300750329		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E	4300750330		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E	4300750331		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E	4300750332		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E	4300750333		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E	4300750334		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E	4300750335		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E	4300750336		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E	4300750338		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E	4300750339		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E	4300750340		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E	4300750341		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E	4300750342		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E	4300750343		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E	4300750344		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E	4300750345		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E	4300750346		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E	4300750348		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E	4300750349		Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E	4300750350		Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E	4300750351		Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E	4300731430	17225	Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E	4300731475	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E	4300750055	14794	Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E	4300750120	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E	4300750121	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E	4300750122	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E	4300750149	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E	4300750150	2470	Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E	4300750192	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E	4300750193	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E	4300750194	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E	4300750196	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E	4300750197	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E	4300750198	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E	4300750199	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E	4300750200	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E	4300750201	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E	4300750203	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E	4300750204	14794	Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E	4300716045	7030	Federal	GW	P	

UDOGM CHANGE OF OPERATOR WELL LIST

STONE CABIN UNIT 1	13	120S	140E	4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E	4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E	4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E	4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E	4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E	4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E	4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E	4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E	4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E	4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E	4300730775	13158 State	GW	P	
PETERS POINT U FED 4-31D-12-17	36	120S	160E	4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E	4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E	4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E	4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E	4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E	4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E	4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E	4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E	4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E	4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E	4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E	4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E	4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E	4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E	4300731008	14897 Federal	GW	P	
PETERS POINT U FED 12-31D-12-17	36	120S	160E	4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E	4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E	4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E	4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E	4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E	4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E	4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E	4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E	4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E	4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E	4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E	4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E	4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E	4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E	4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E	4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E	4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E	4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E	4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E	4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E	4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E	4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E	4300731188	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR 11-15D-12-15	22	120S	150E	4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E	4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E	4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E	4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E	4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E	4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E	4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E	4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E	4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E	4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E	4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E	4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E	4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E	4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E	4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E	4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E	4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E	4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E	4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E	4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E	4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E	4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E	4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E	4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E	4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E	4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E	4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E	4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E	4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E	4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E	4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E	4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E	4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E	4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E	4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E	4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E	4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E	4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E	4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E	4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E	4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E	4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E	4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E	4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E	4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E	4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E	4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E	4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E	4300731313	14794 Federal	GW	P	PRICKLY PEAR



UDOGM CHANGE OF OPERATOR WELL LIST

PPU FED 3-18D-12-15	18	120S	150E	4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E	4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E	4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E	4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E	4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E	4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E	4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E	4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E	4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E	4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E	4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E	4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E	4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E	4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E	4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E	4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E	4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E	4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E	4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E	4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E	4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E	4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E	4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E	4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E	4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E	4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E	4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E	4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E	4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E	4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E	4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E	4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E	4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E	4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E	4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E	4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E	4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E	4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E	4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E	4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E	4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E	4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E	4300731412	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PPU FED 6-21D-12-15	21	120S	150E	4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E	4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E	4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E	4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E	4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E	4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E	4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E	4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E	4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E	4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E	4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E	4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E	4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E	4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E	4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E	4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E	4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E	4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E	4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E	4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E	4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E	4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E	4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E	4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E	4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E	4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E	4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E	4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E	4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E	4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E	4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E	4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E	4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E	4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E	4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E	4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E	4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E	4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E	4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E	4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E	4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E	4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E	4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E	4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E	4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E	4300750027	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E	4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E	4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E	4300750033	2470 Federal	GW	P	PETERS POINT

UDOGM CHANGE OF OPERATOR WELL LIST

PETERS POINT U FED 10-25D-12-16	25	120S	160E	4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E	4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E	4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E	4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E	4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E	4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E	4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E	4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E	4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E	4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E	4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E	4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E	4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E	4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E	4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E	4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E	4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E	4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E	4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E	4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E	4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E	4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E	4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E	4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E	4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E	4300750062	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E	4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E	4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E	4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E	4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E	4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E	4300750068	18204 Federal	GW	P	
PETERS POINT U FED 14A-27D-12-16	27	120S	160E	4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E	4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E	4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E	4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E	4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E	4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E	4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E	4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E	4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E	4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E	4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E	4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E	4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E	4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E	4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E	4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E	4300750091	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E	4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E	4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E	4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E	4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E	4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E	4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E	4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E	4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E	4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E	4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E	4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E	4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E	4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E	4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E	4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E	4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E	4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E	4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E	4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E	4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E	4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E	4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E	4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E	4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E	4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E	4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E	4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E	4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E	4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E	4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E	4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E	4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E	4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E	4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E	4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E	4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E	4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E	4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E	4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E	4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E	4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E	4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E	4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E	4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E	4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E	4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E	4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E	4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E	4300731017	14472 State	D	PA	

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PTS 33-36 STATE	36	110S	140E	4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E	4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E	4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E	4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E	4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E	4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E	4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E	4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E	4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E	4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E	4300750172	14794 Federal	GW	S	PRICKLY PEAR